

1/6

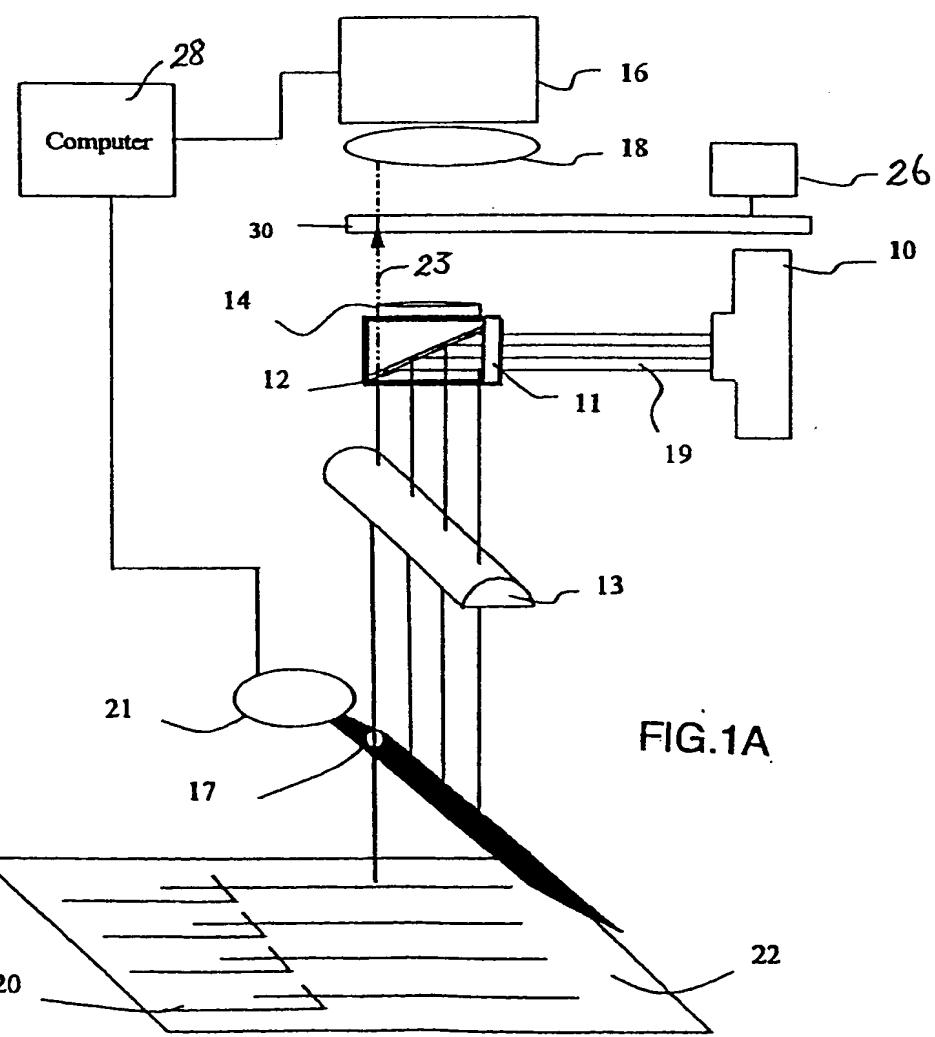
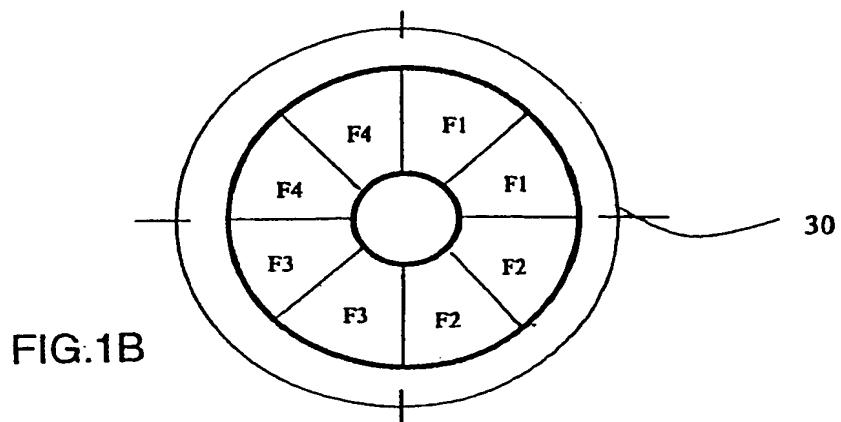


FIG. 1A

2/6

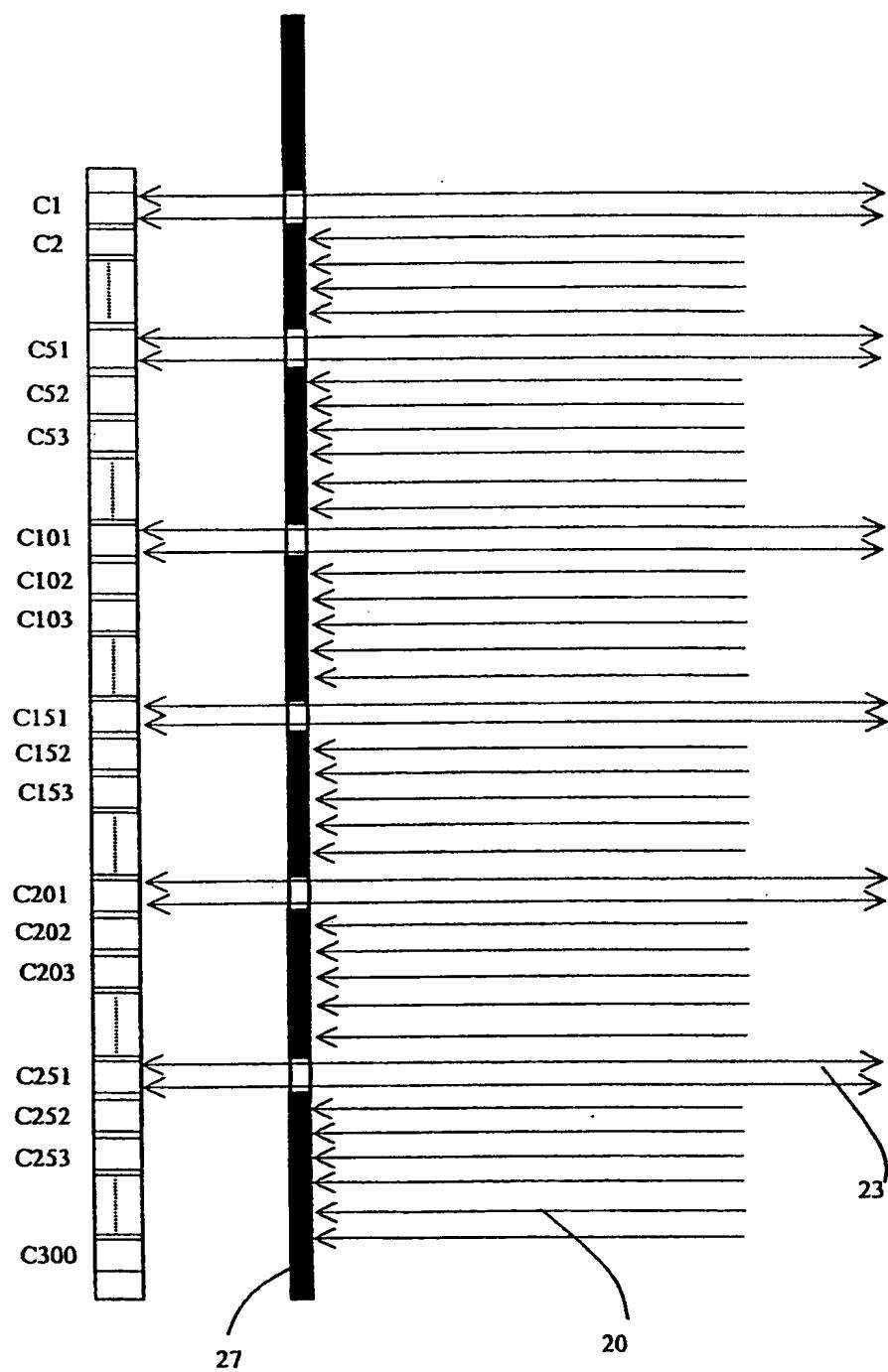


FIG.2

3/6

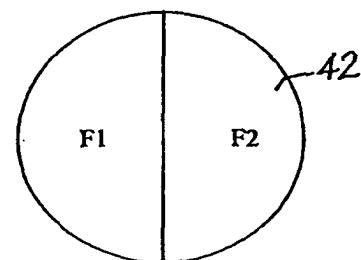


FIG.3B

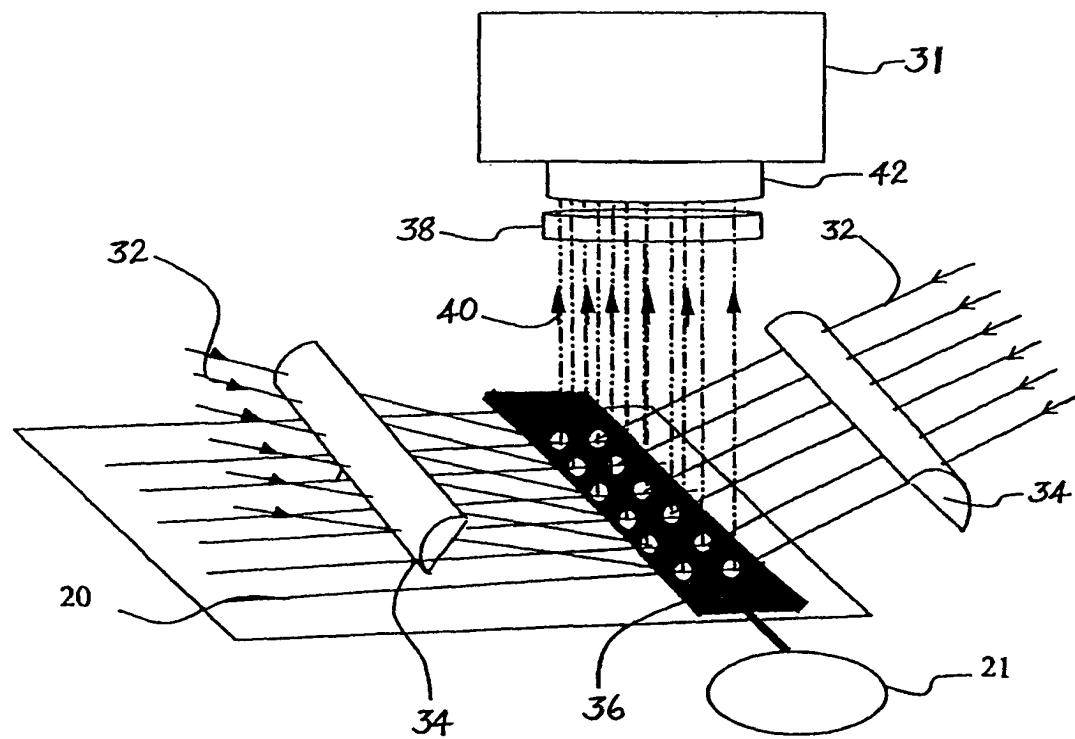


FIG.3A

4/6

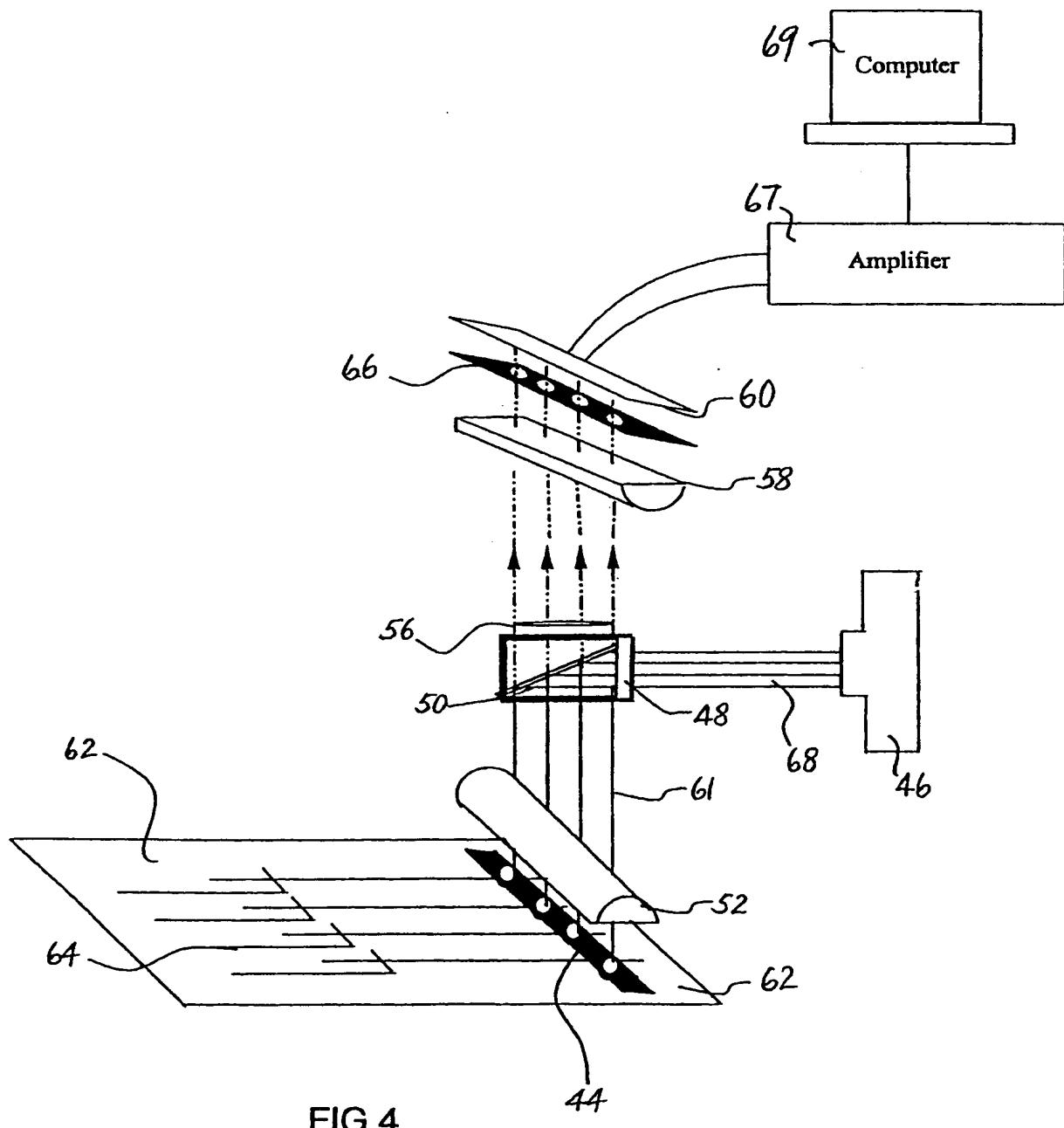


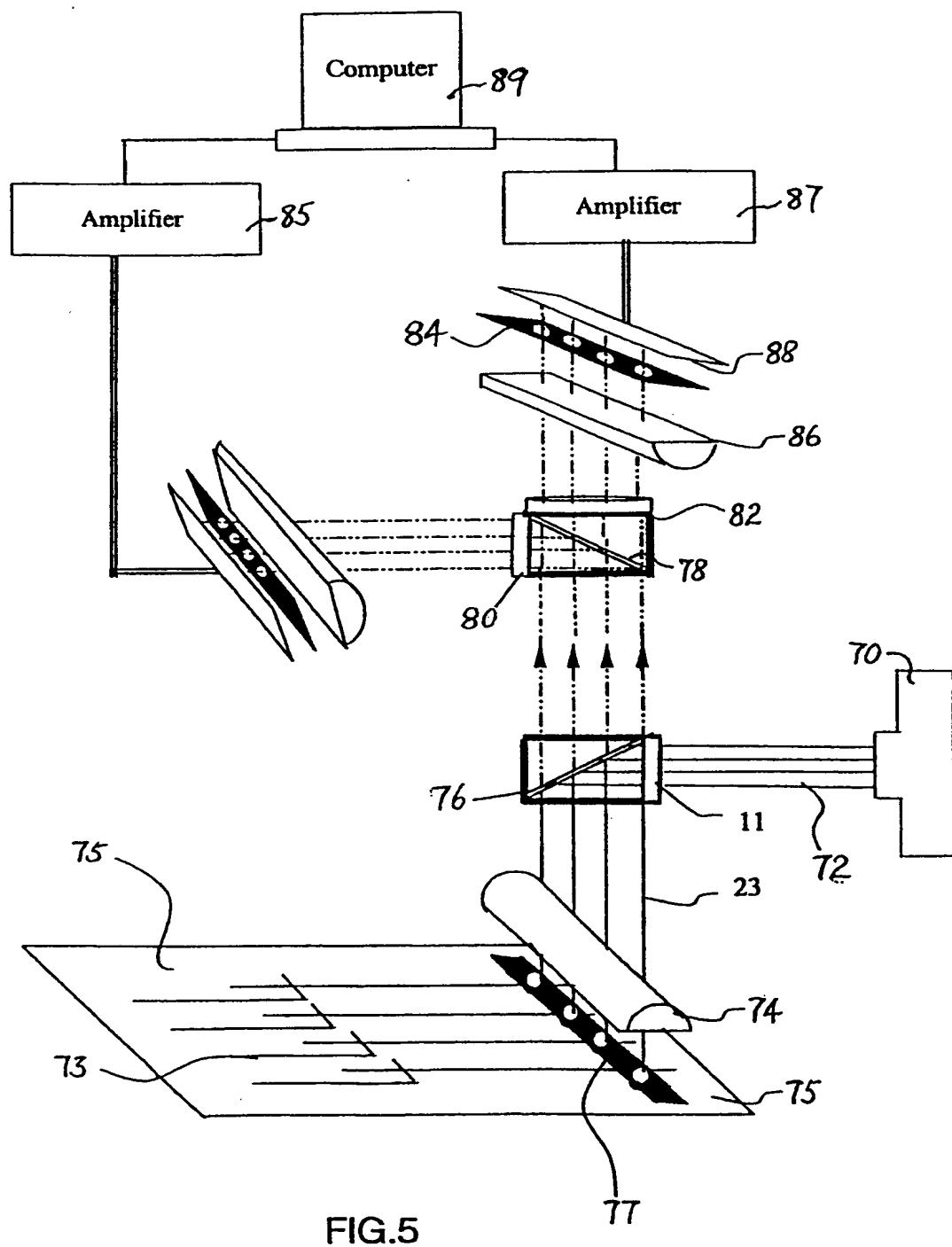
FIG.4

10/070531

WO 00/06996

PCT/SG99/00081

5/6



6/6

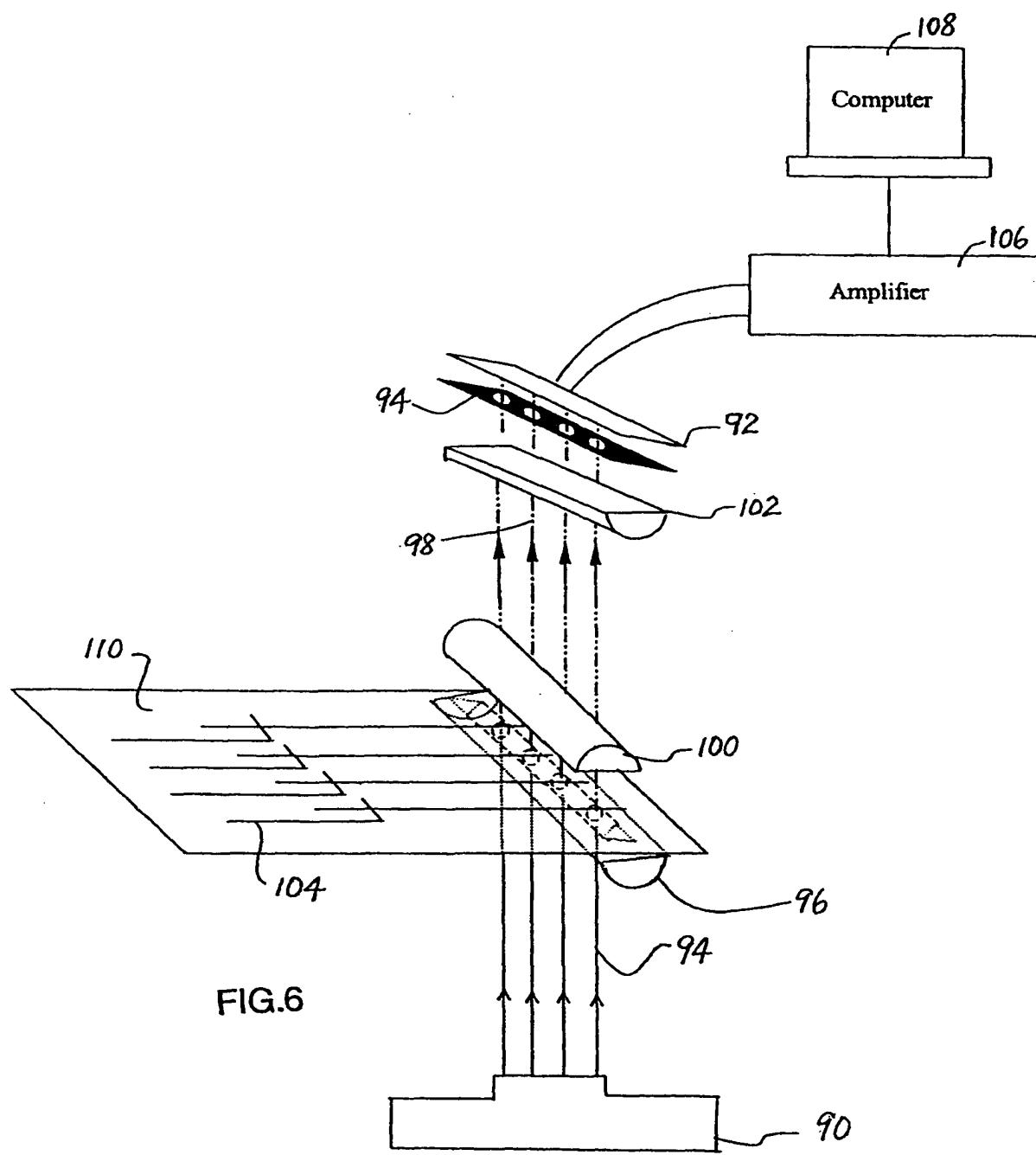


FIG.6

10/07/05 31  
PCT/US00/20447

WO 01/18528

1/34

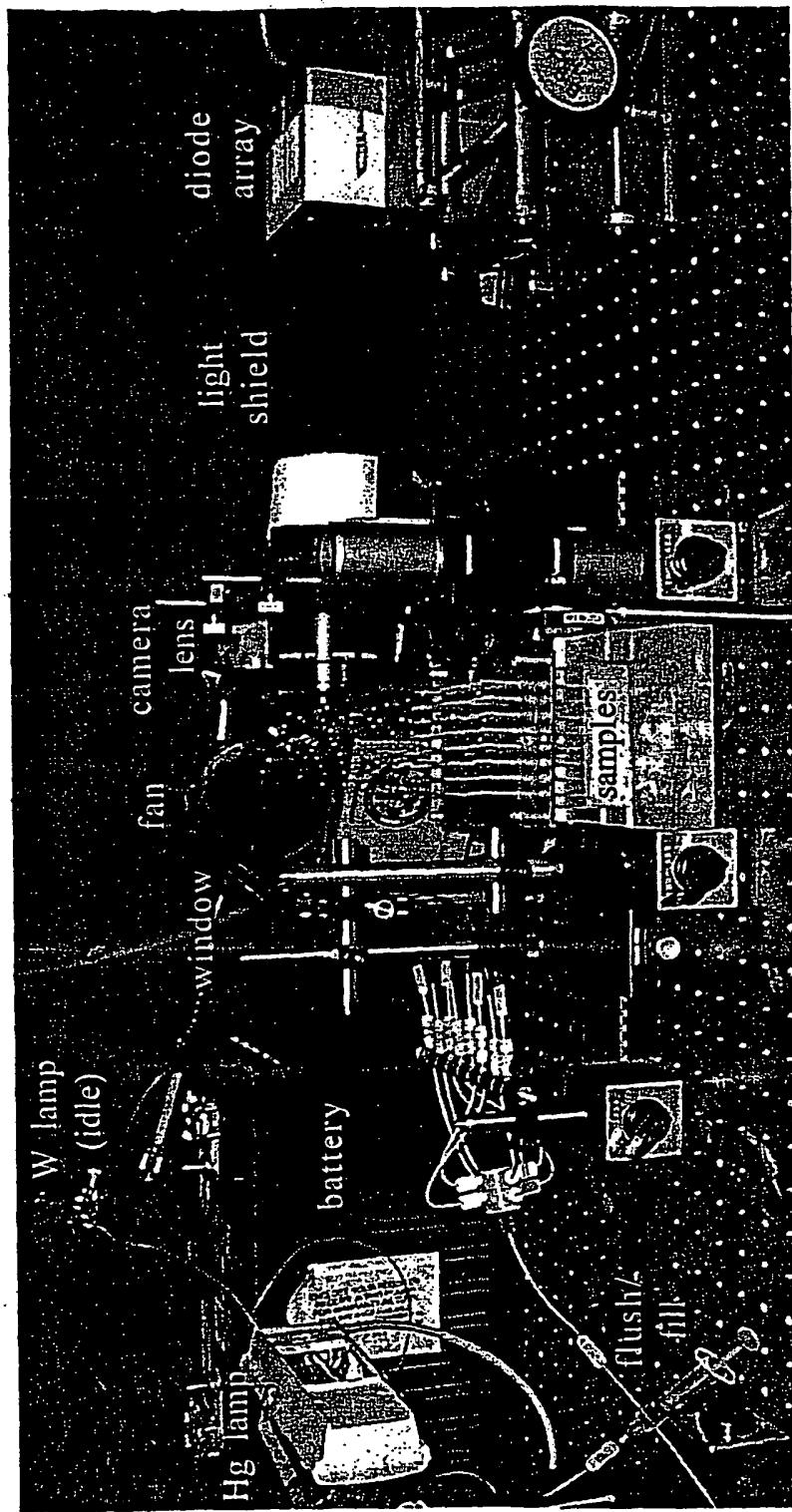


FIG. 1

10/07 0531

PCT/US00/20447

WO 01/18528

2/34

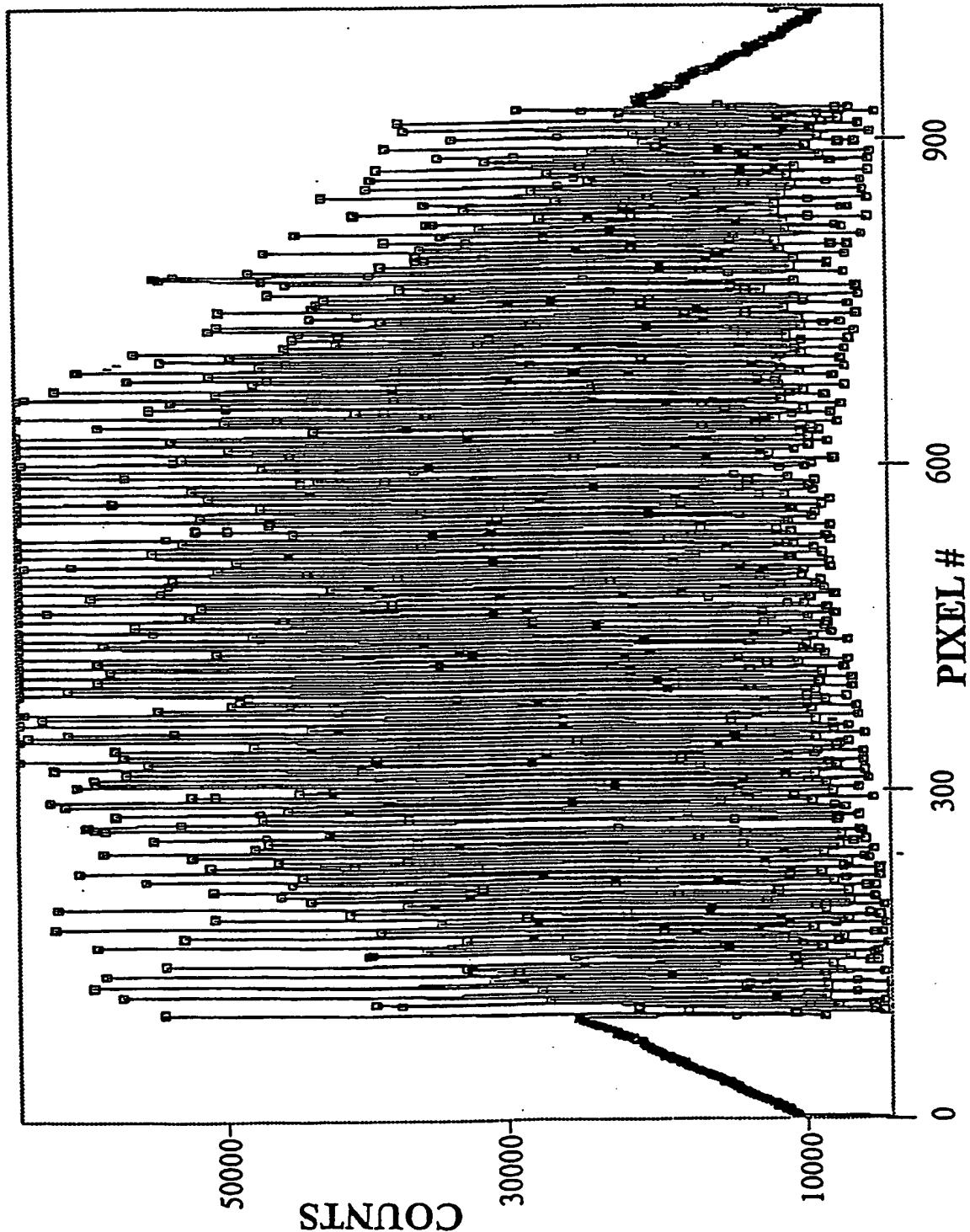


FIG. 2A

3/34

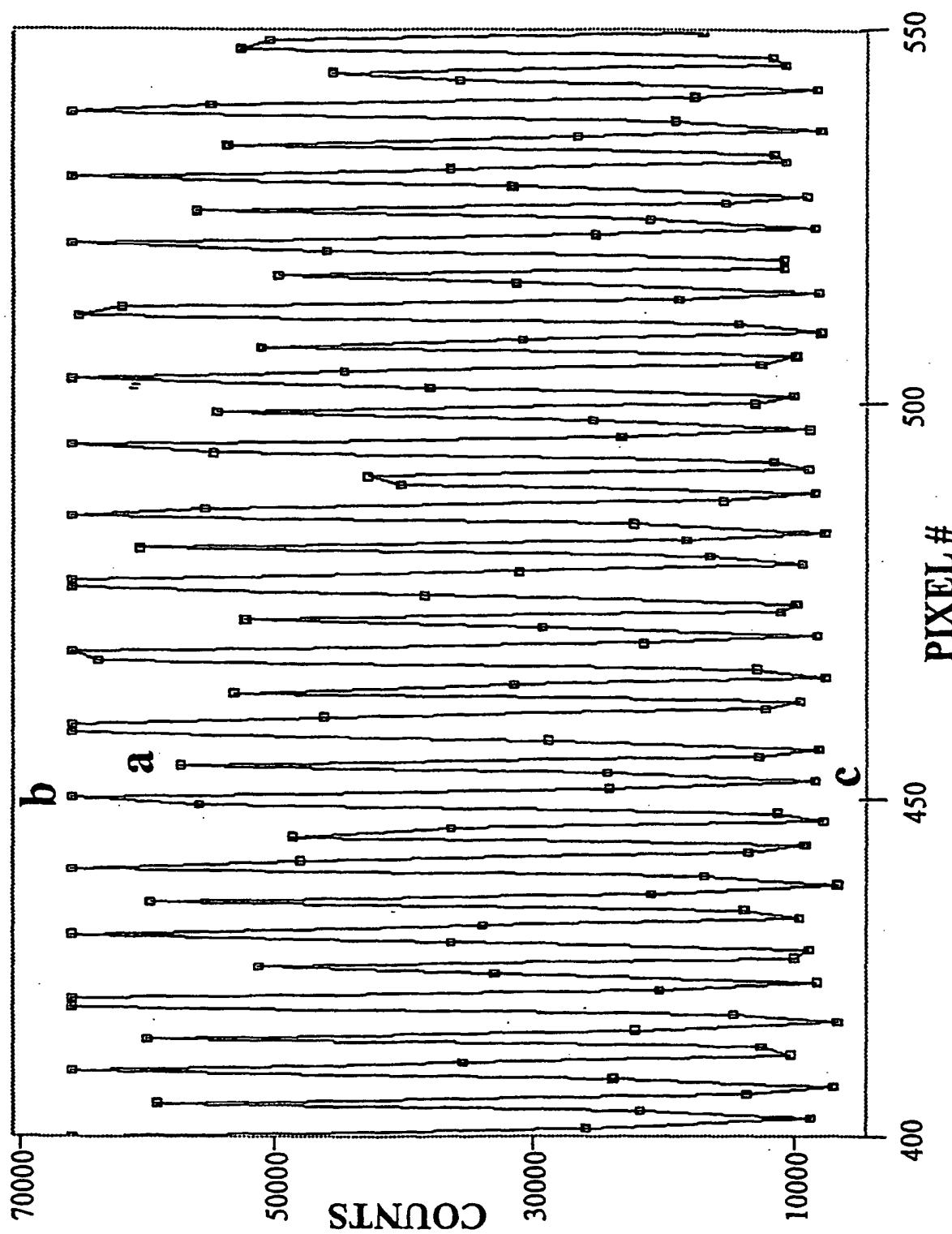


FIG. 2B

Q 070531  
PCV/US00720447

4/34

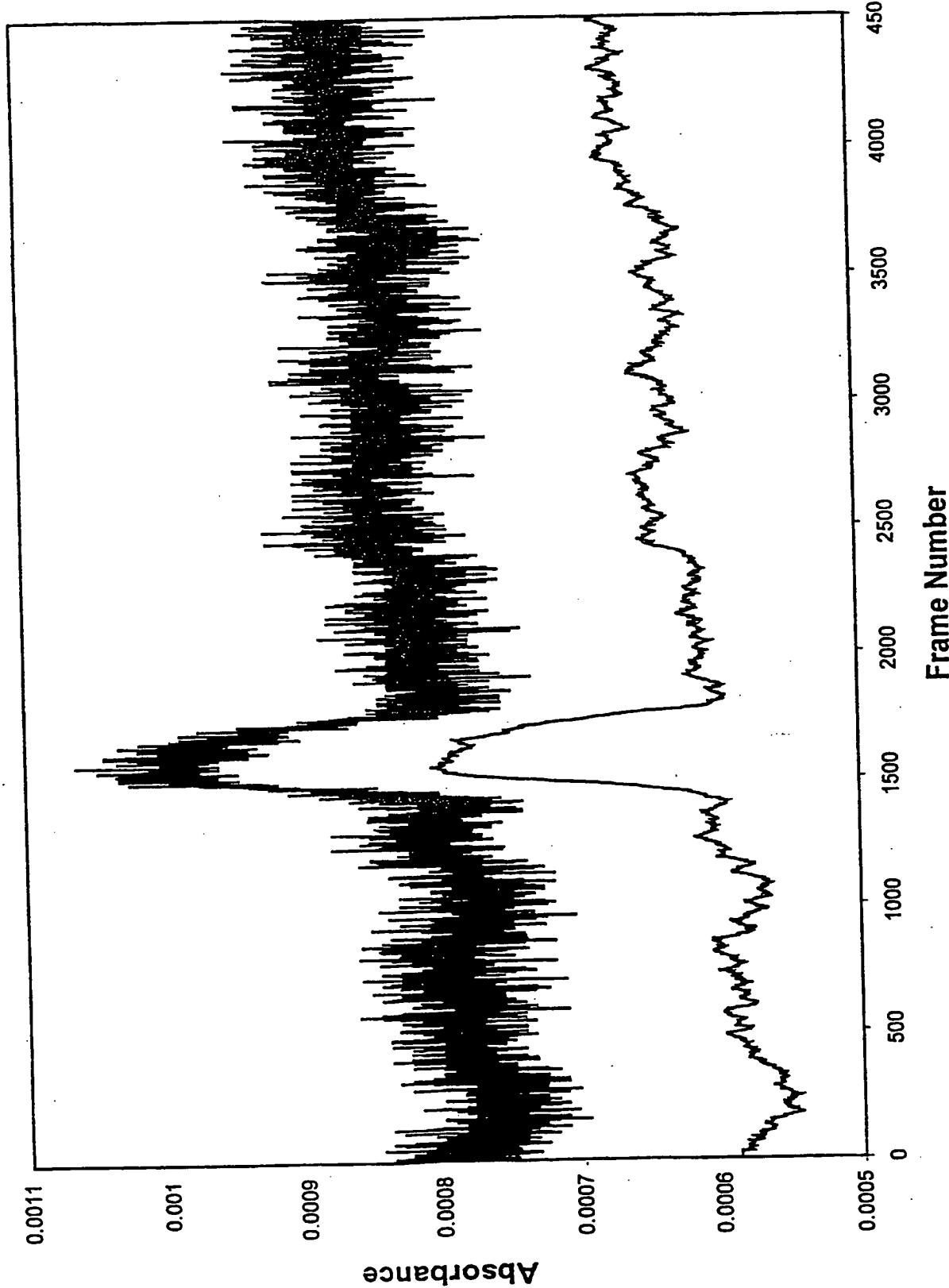
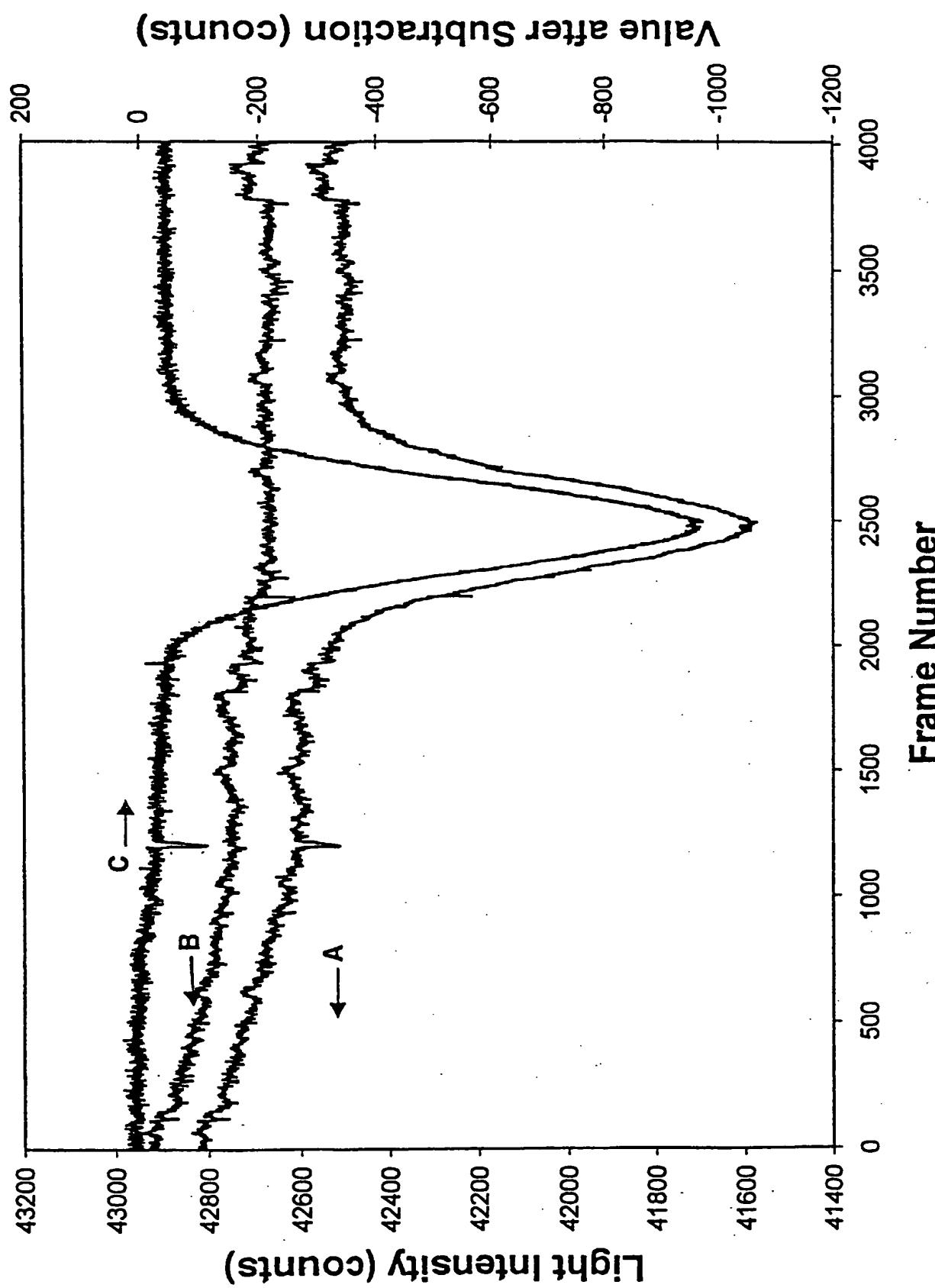


FIG. 3

5/34



6/34

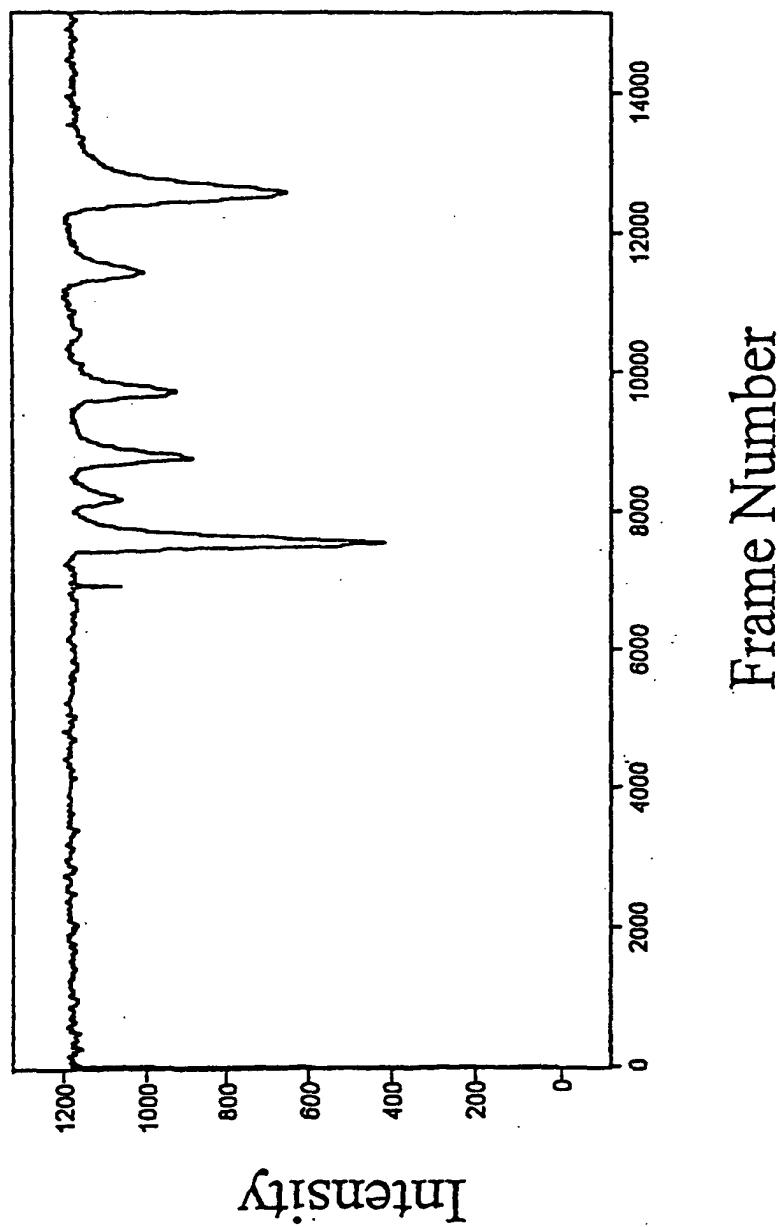


FIG. 5

100070531-060502  
10/07 05 31

WO 01/18528

PCT/US00/20447

7/34

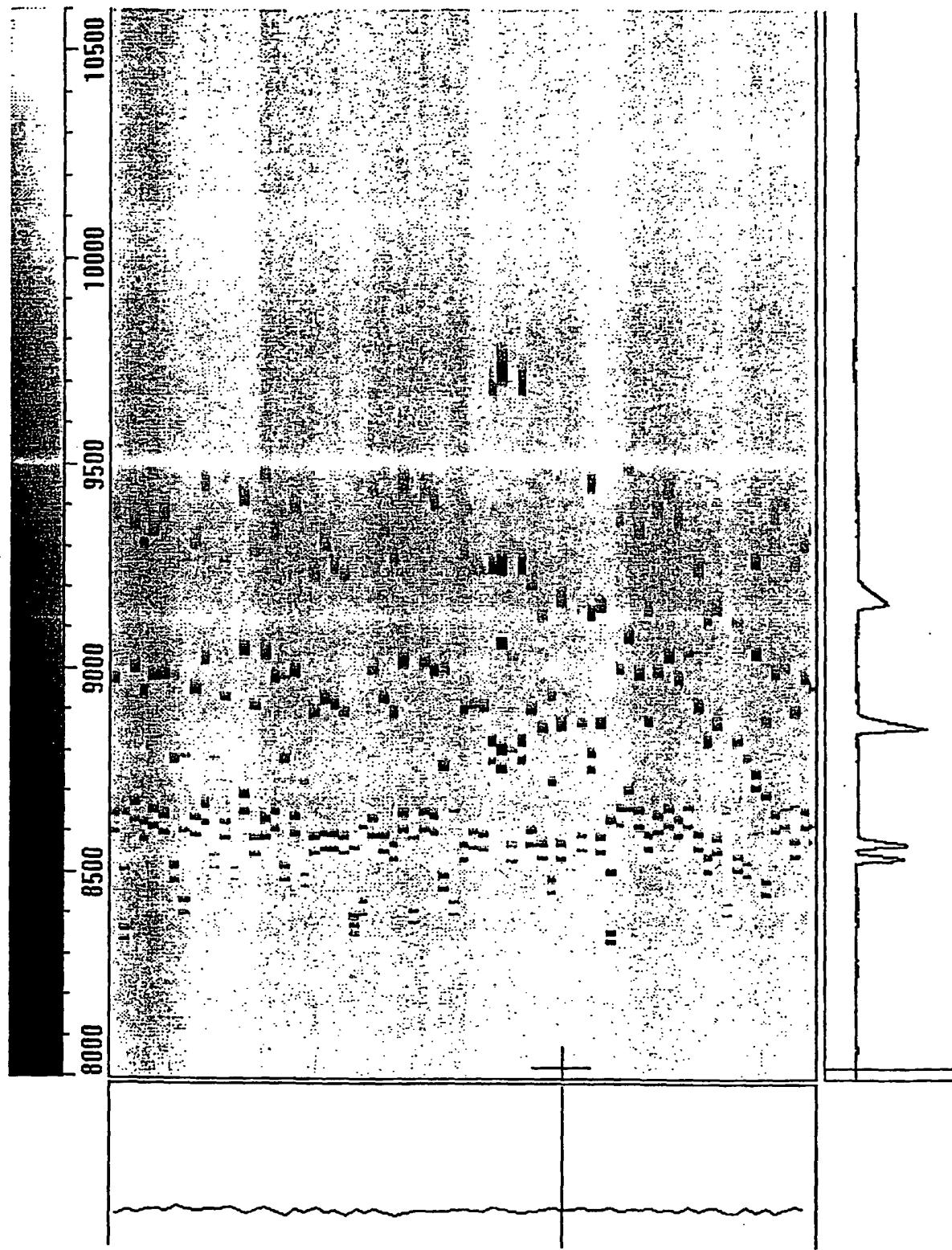


FIG. 6

8/34

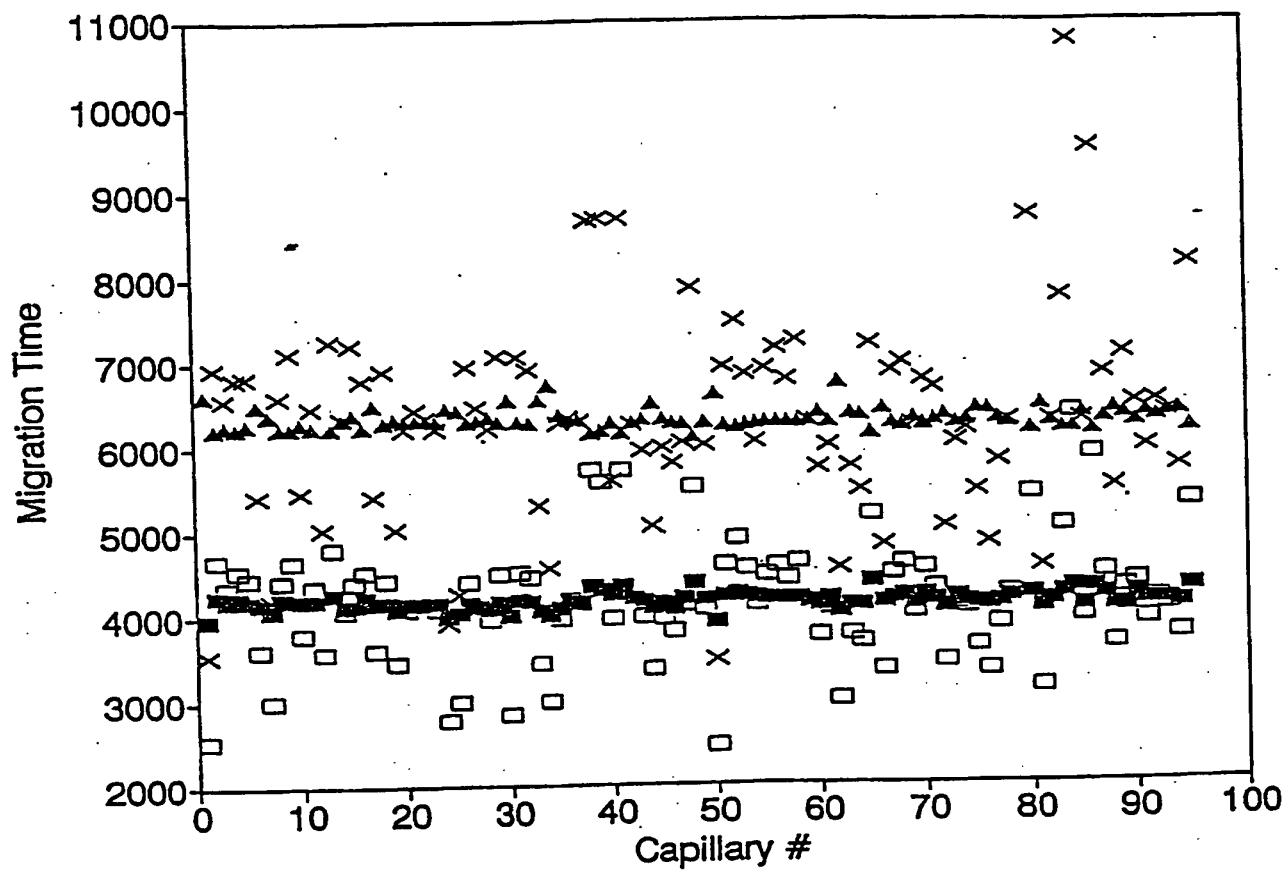


FIG. 7

10070531 . 060502  
10/07 0531

PCT/US00/20447

WO 01/18528

9/34

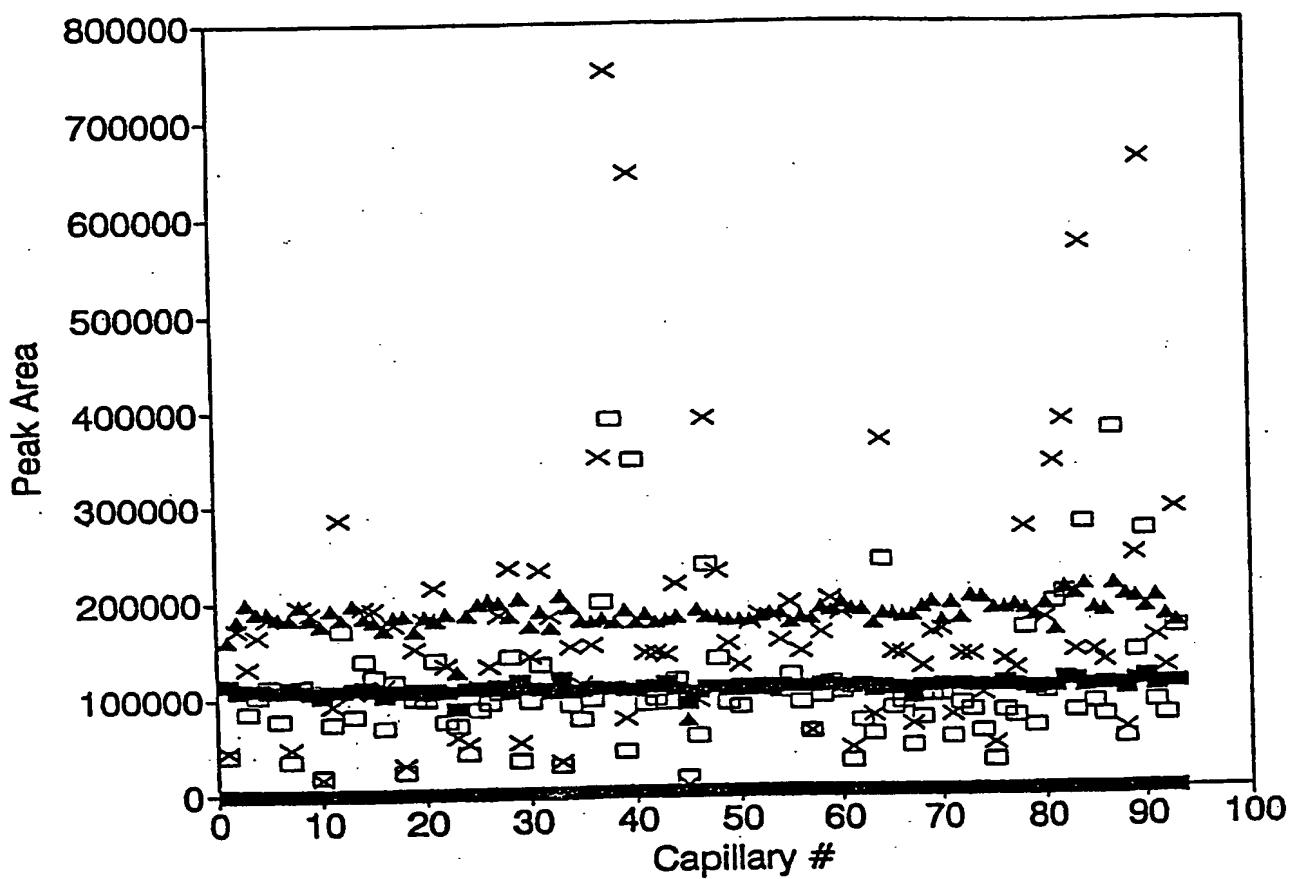


FIG. 8

10070531 . 060502

10/07 0531

PCT/US00/20447

WO 01/18528

10/34

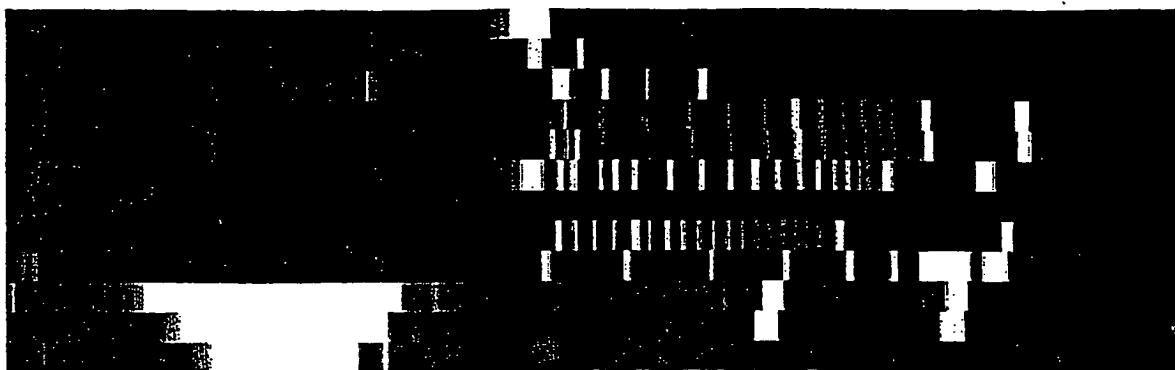


FIG. 9

11/34

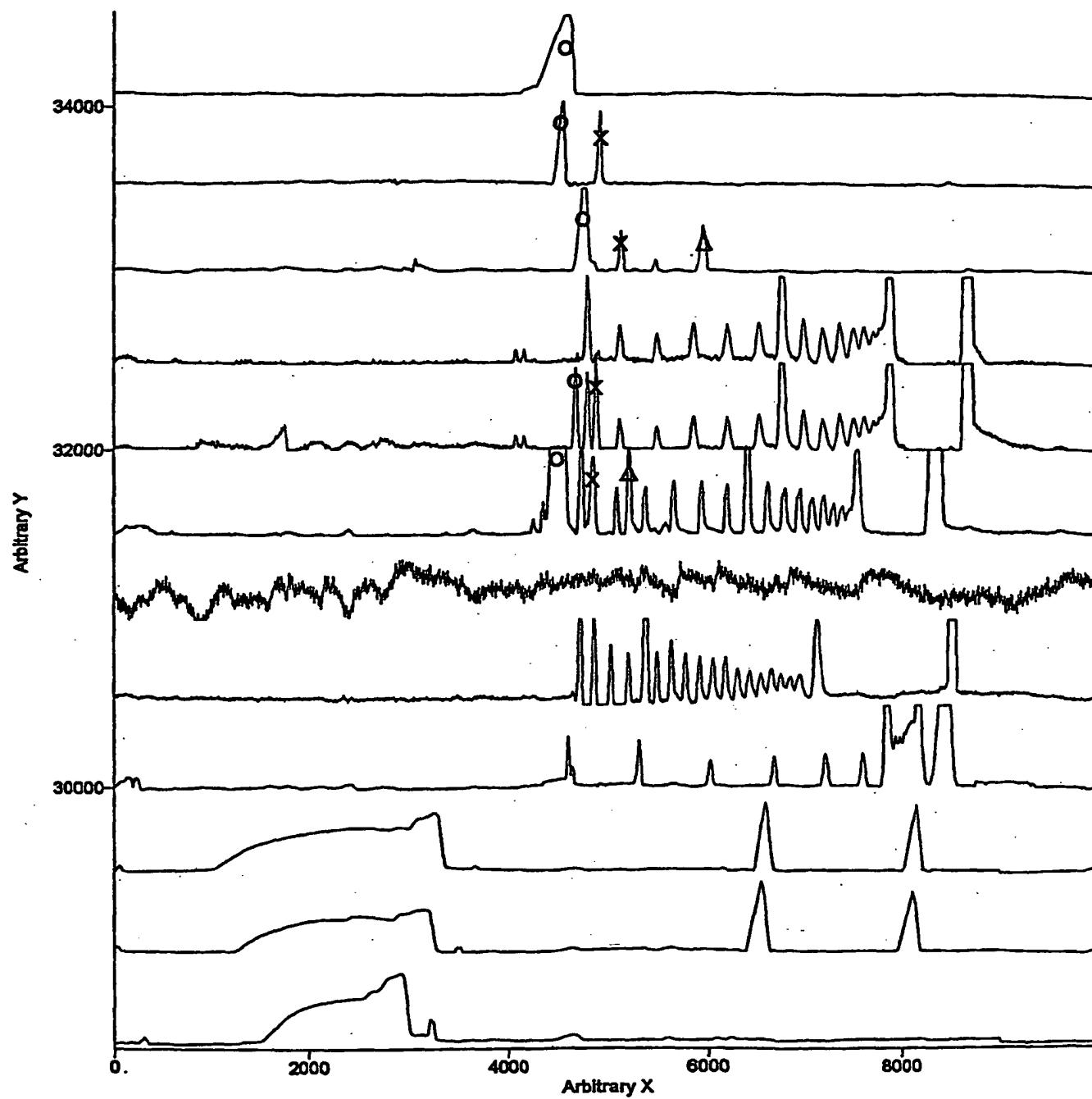


FIG. 10

10/07/05 31  
PCT/US00/20447

WO 01/18528

12/34

1                   11                   21                   31  
H<sub>2</sub>N-L-I-V-T-Q-T-M-K-G-L-D-I-Q-K-V-A-G-T-W-Y-S-L-A-M-A-A-S-D-I-S-L-L-D-A-Q-S-A-P-L-R-  
41                   51                   61                   71  
V-Y-V-E-E-L-K-P-T-P-E-G-D-L-E-I-L-L-Q-K-W-E-N-G-E-C-A-Q-K-K-I-I-A-E-K-T-K-I-P-A-  
81                   91                   101                  111  
V-F-K-I-D-A-L-N-E-N-K-V-L-V-L-D-T-D-Y-K-K-Y-L-L-F-C-M-E-N-S-A-E-P-E-Q-S-L-A-C-Q-  
121                 131                 141                 151  
C-L-V-R-T-P-E-V-D-D-E-A-L-E-K-F-D-K-A-L-K-A-L-P-M-H-I-R-L-S-F-N-P-T-Q-L-E-E-Q-C-  
161  
H-I-COOH

FIG. 11

13/34

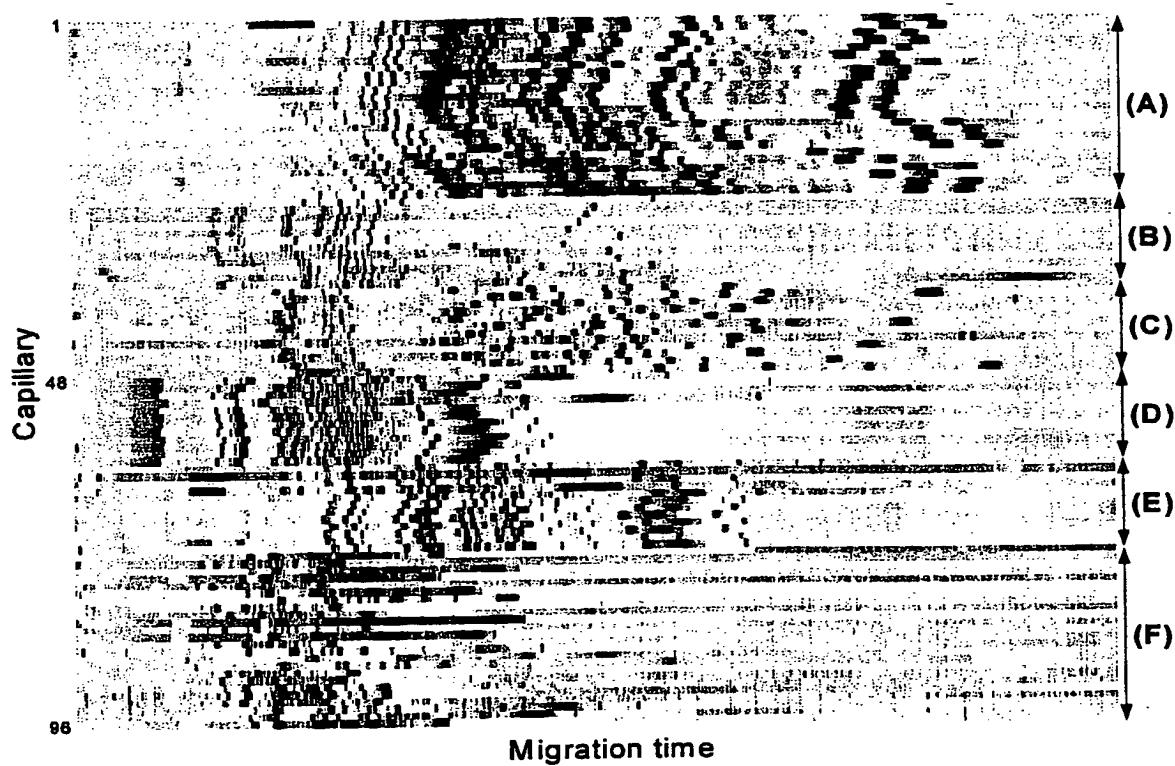


FIG. 12

100070524-053102  
10/07/05

PCT/US00/20447

WO 01/18528

14/34

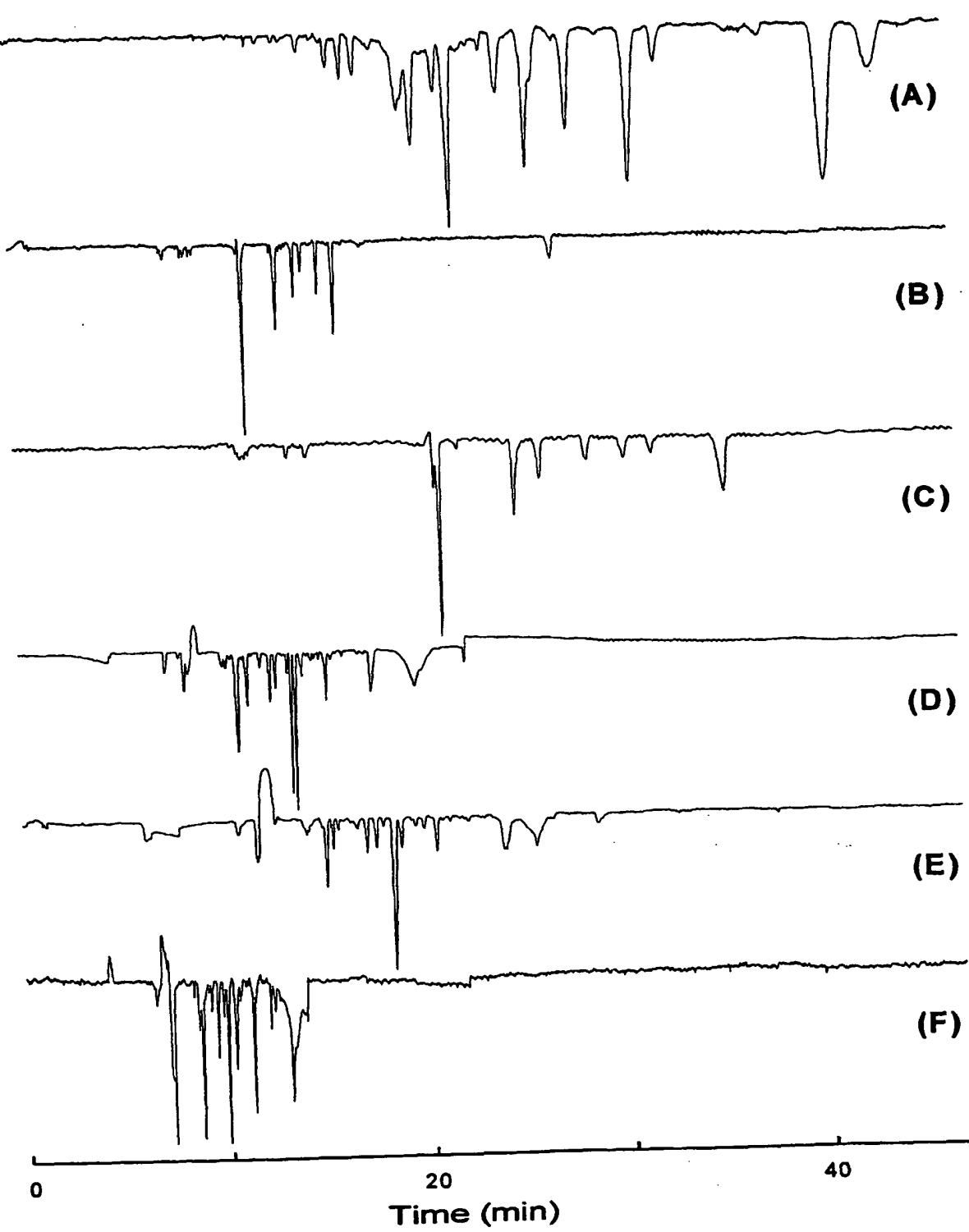


FIG. 13

WO 01/18528

15/34

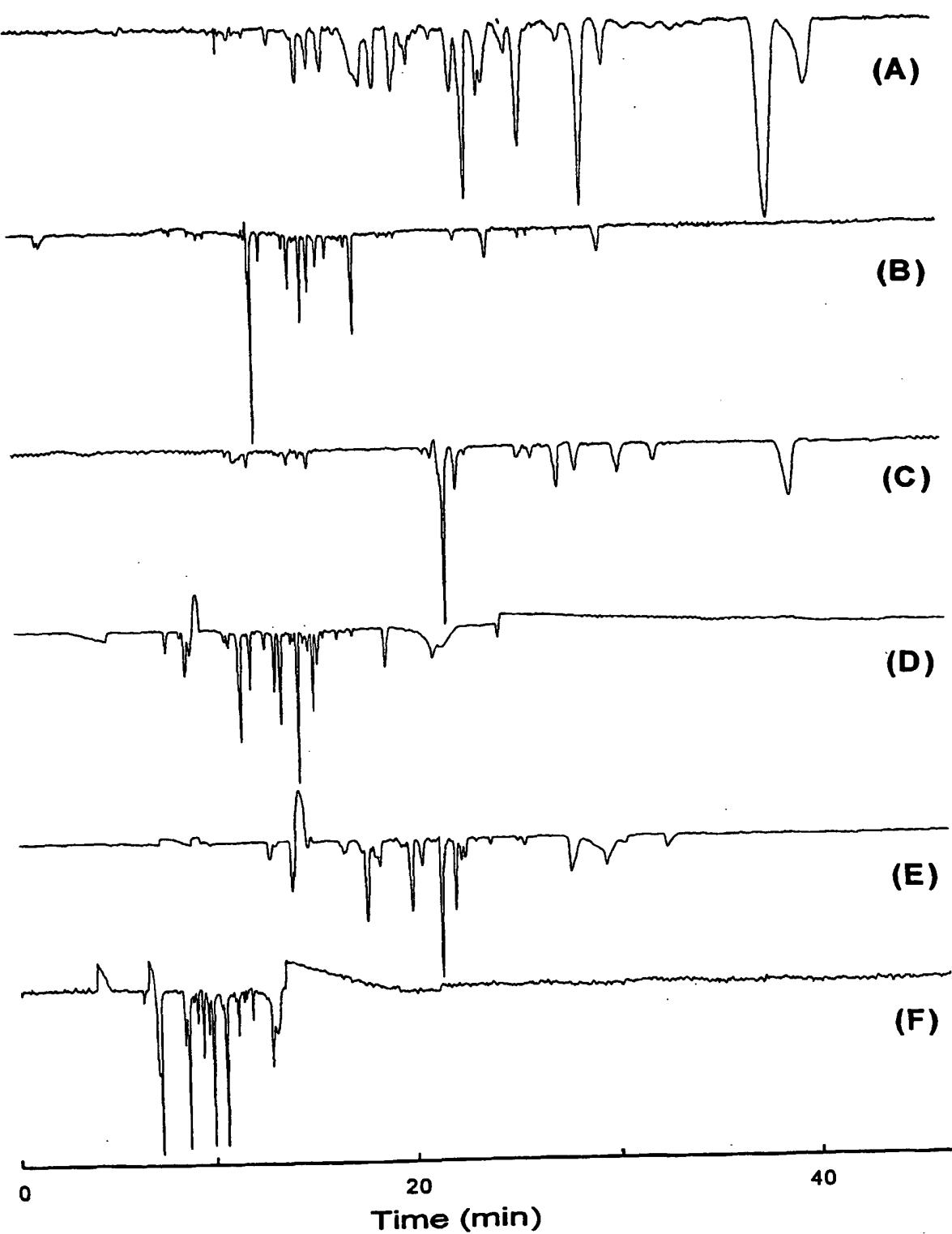


FIG. 14

16/34

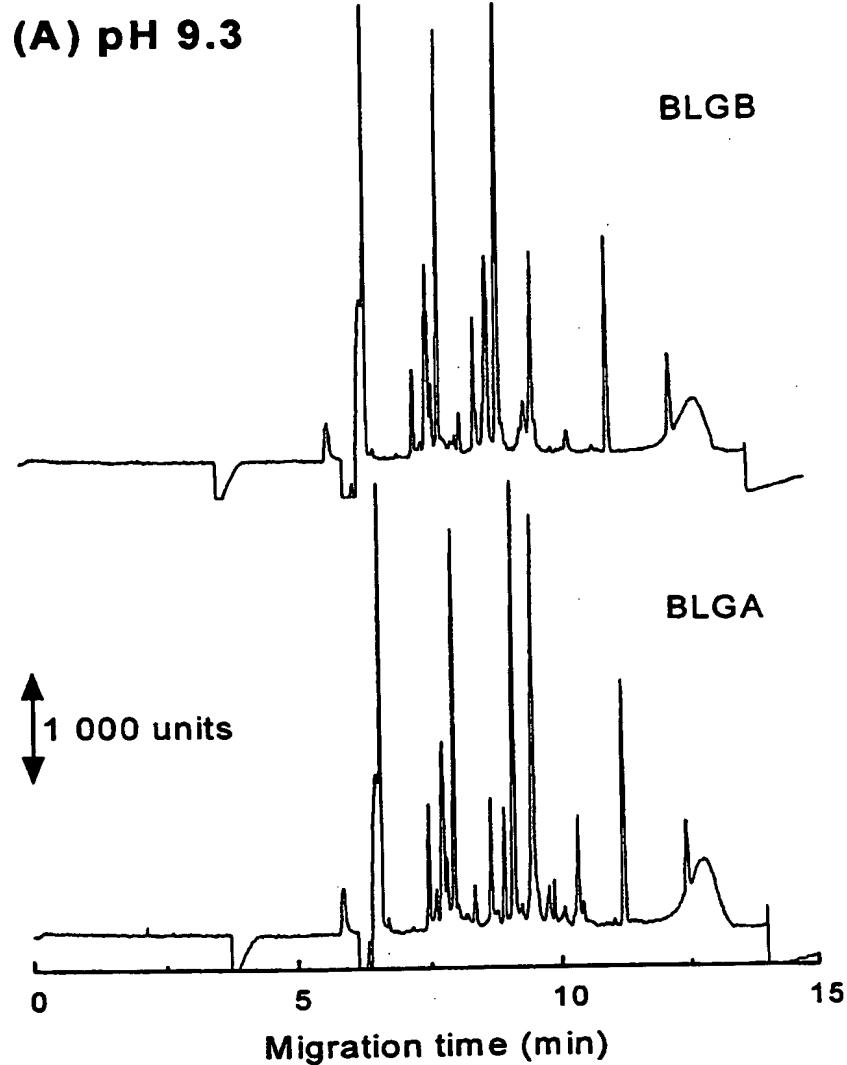


FIG. 15A

17/34

(B)

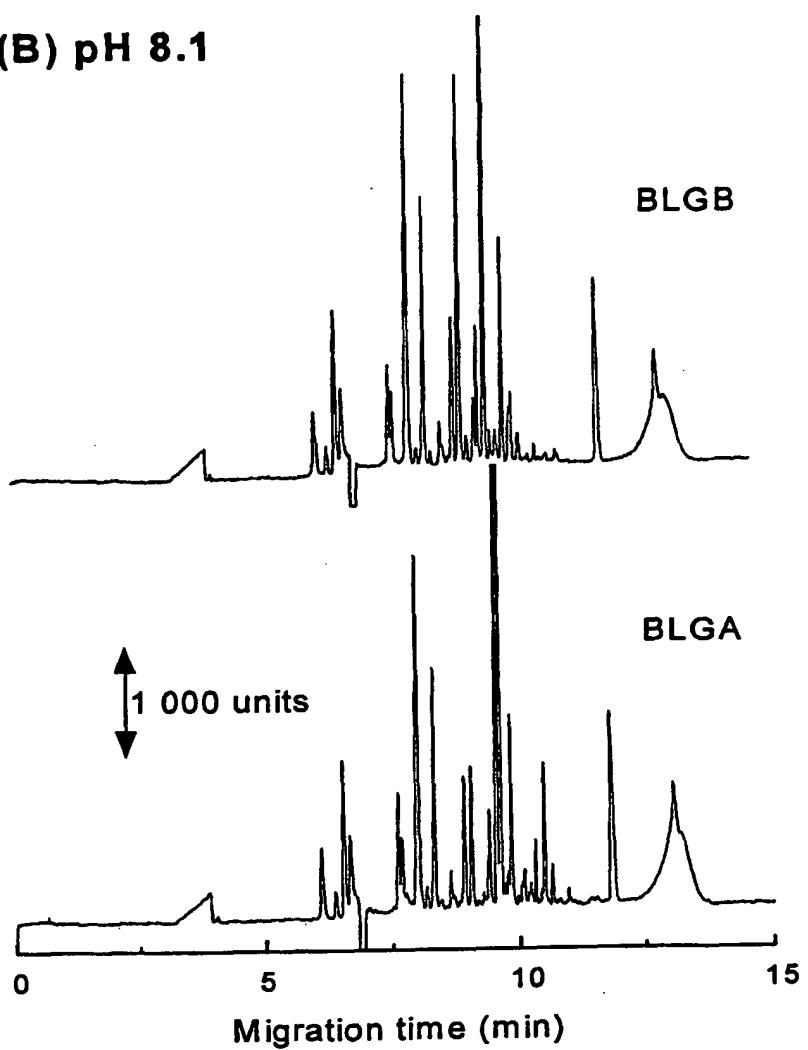
**pH 8.1**

FIG. 15B

WO 01/18528

18/34

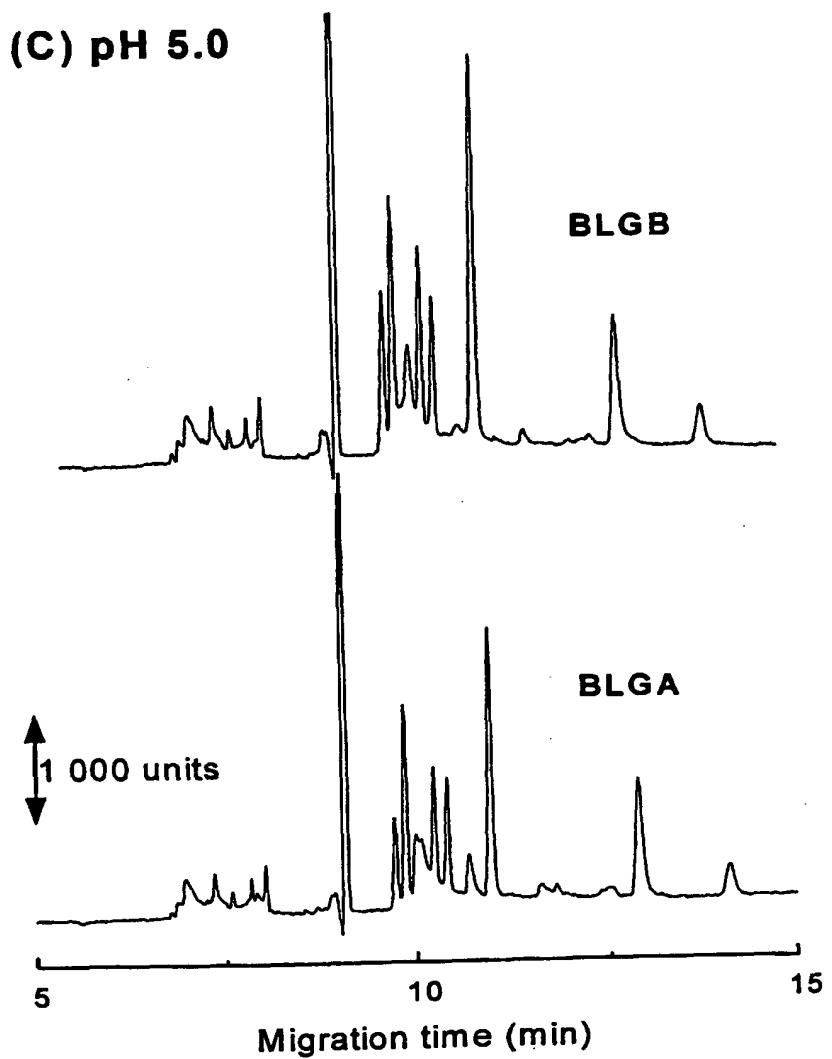


FIG. 15C

WO 01/18528

19/34

(D)

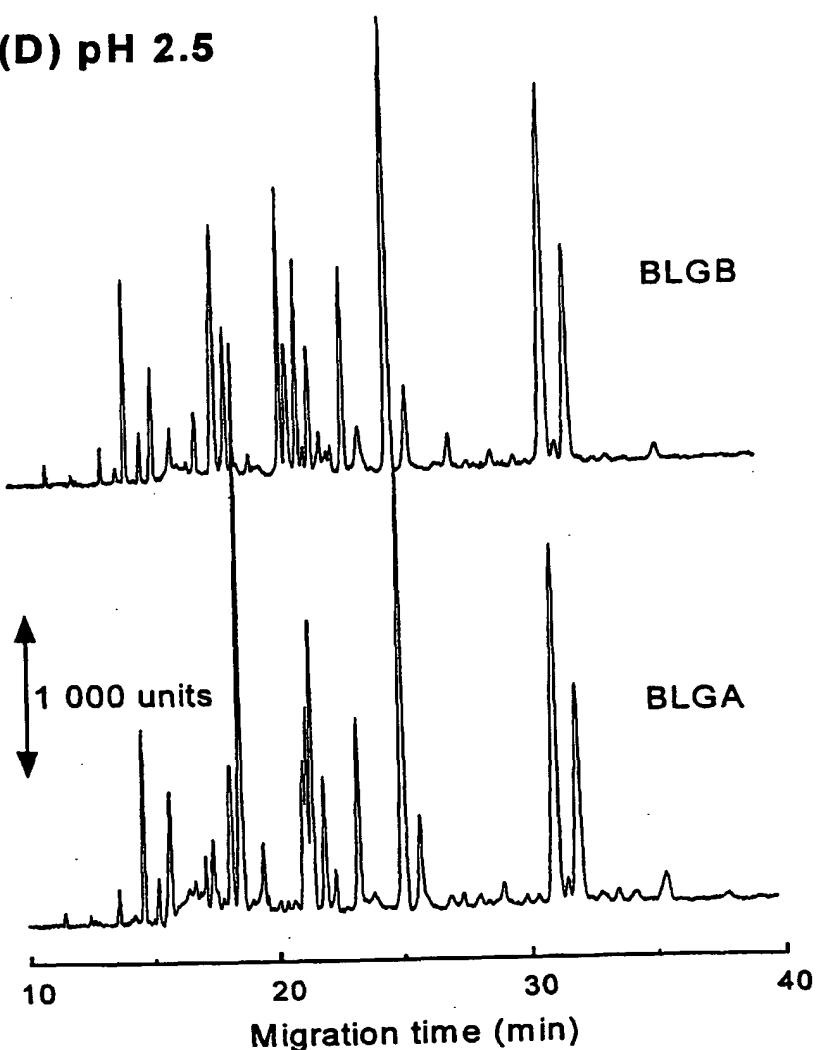
**pH 2.5**

FIG. 15D

**10/070531**  
PCT/US00/20447

WO 01/18528

20/34

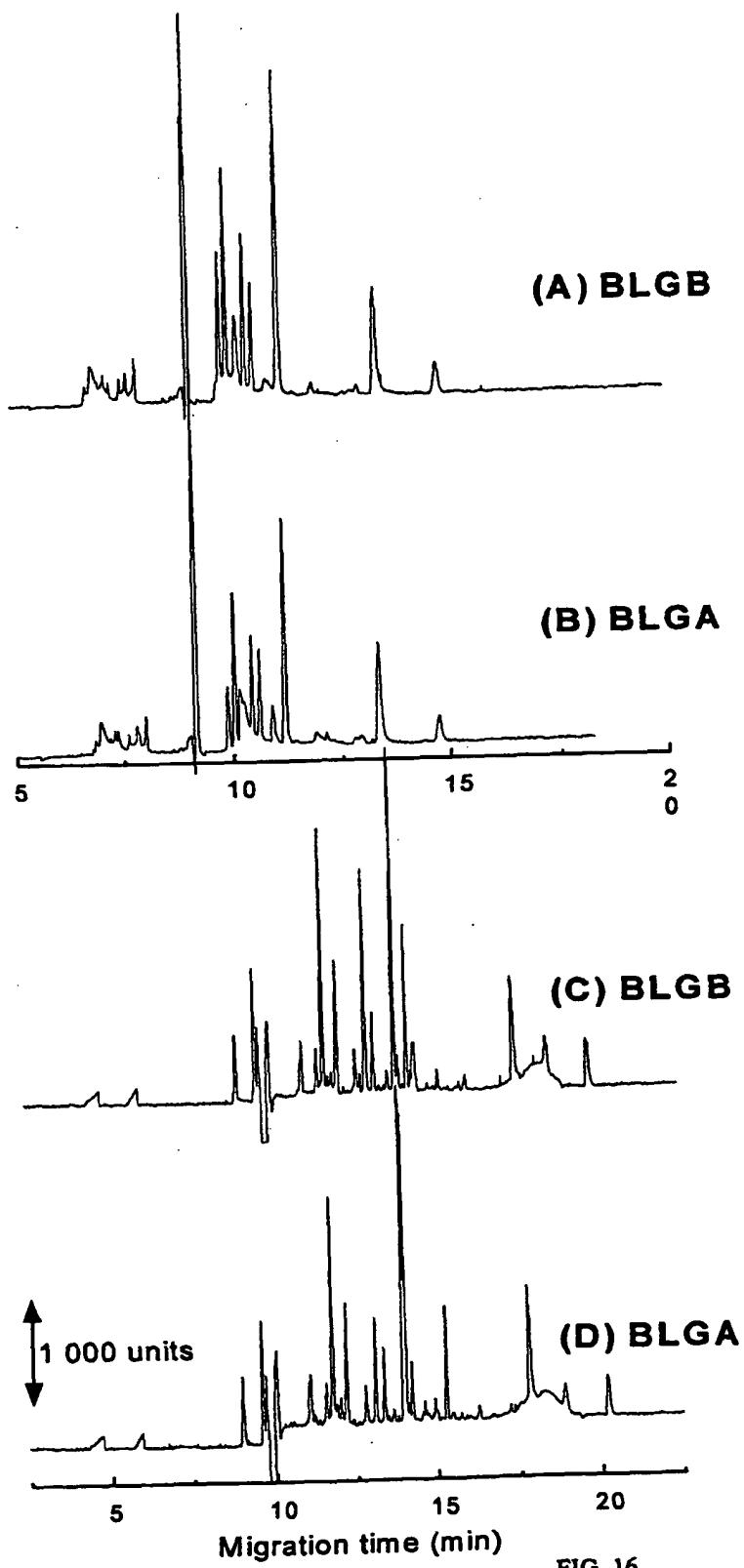


FIG. 16

WO 01/18528

21/34

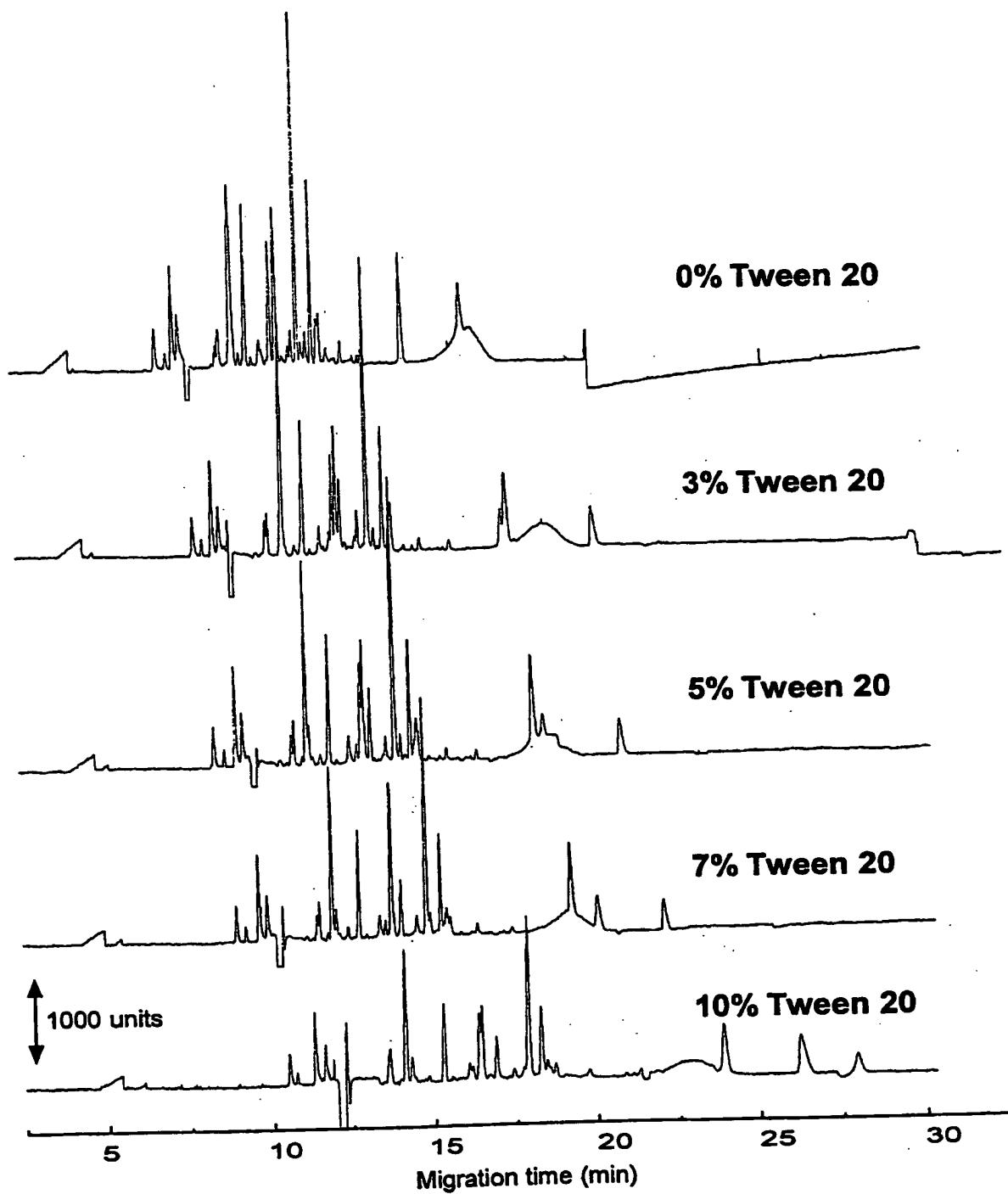
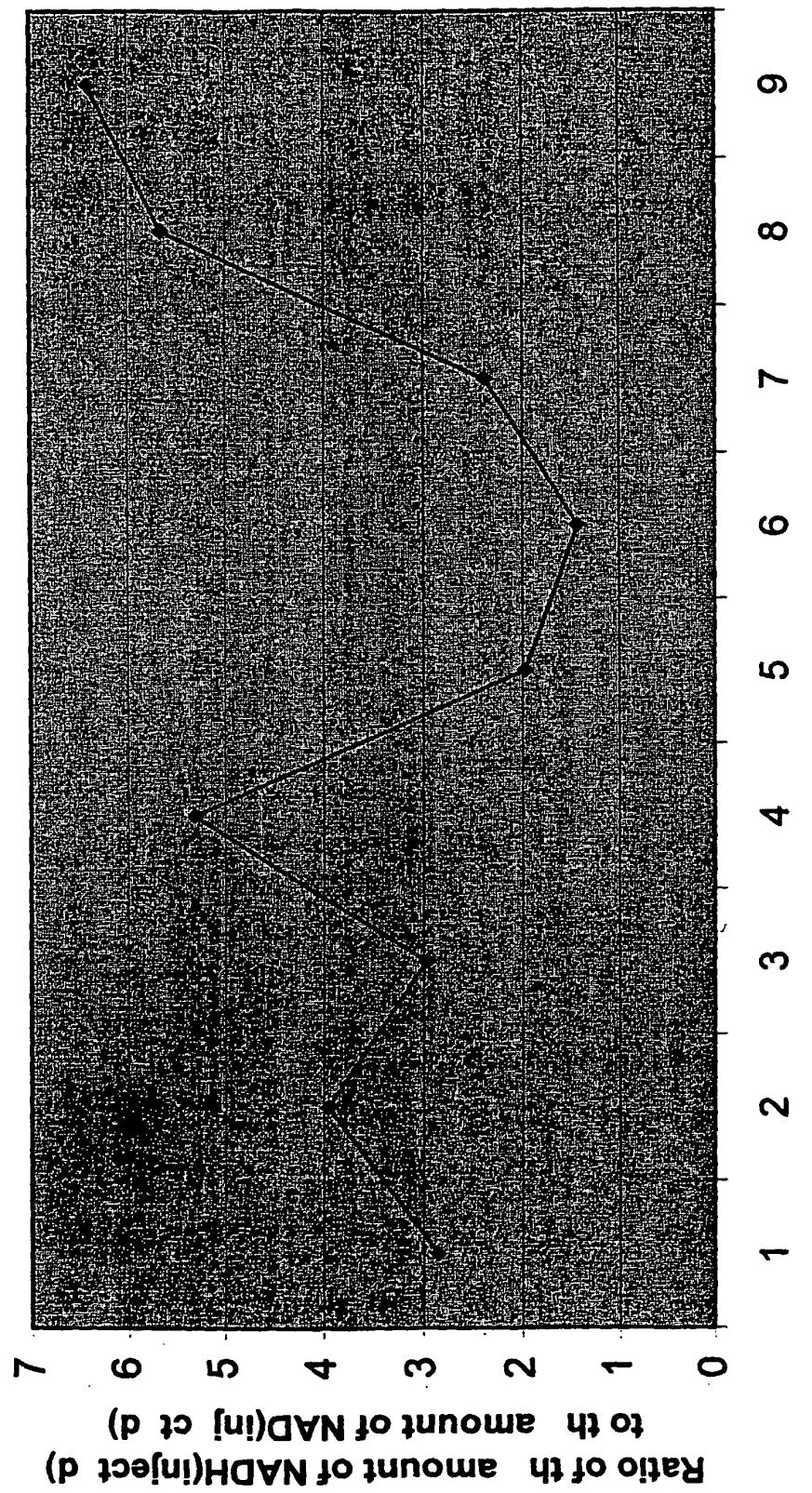


FIG. 17

22/34

## Electrokinetic Injection Results



Results from 9 injection

FIG. 18A

23/34

## Hydrodynamic Injection Results

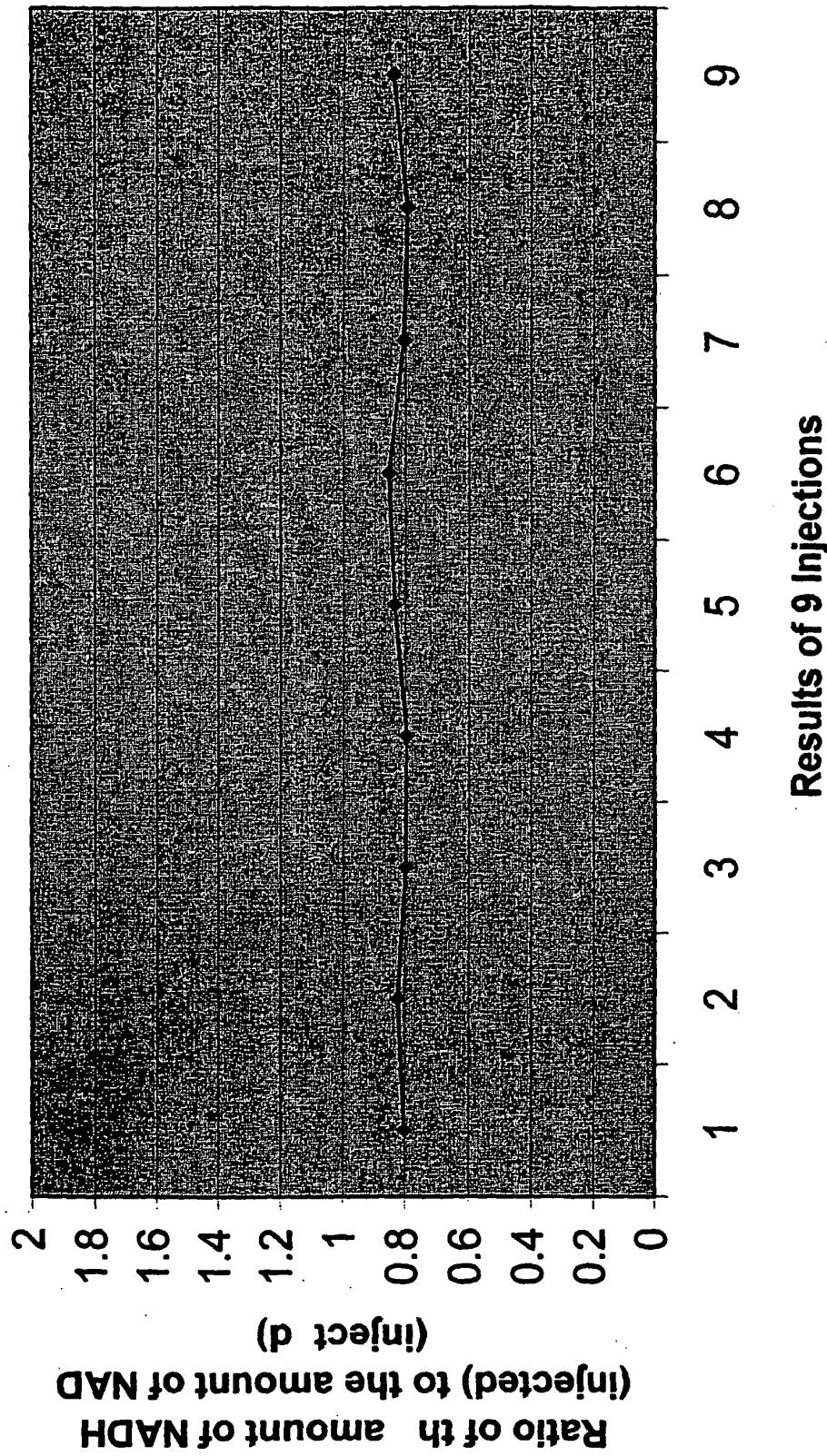


FIG. 18B

10070531 . 060502  
**10/07 0531**  
PCT/US00/20447

WO 01/18528

24/34

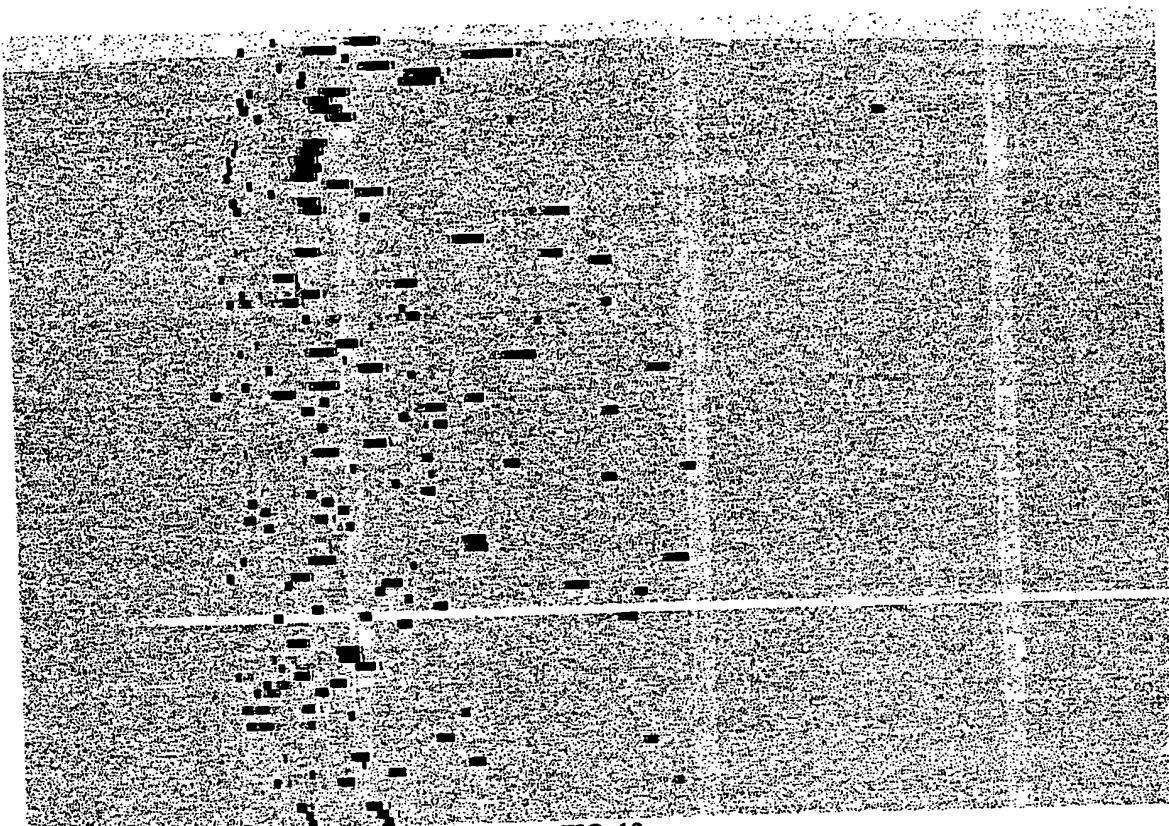


FIG. 19

25/34

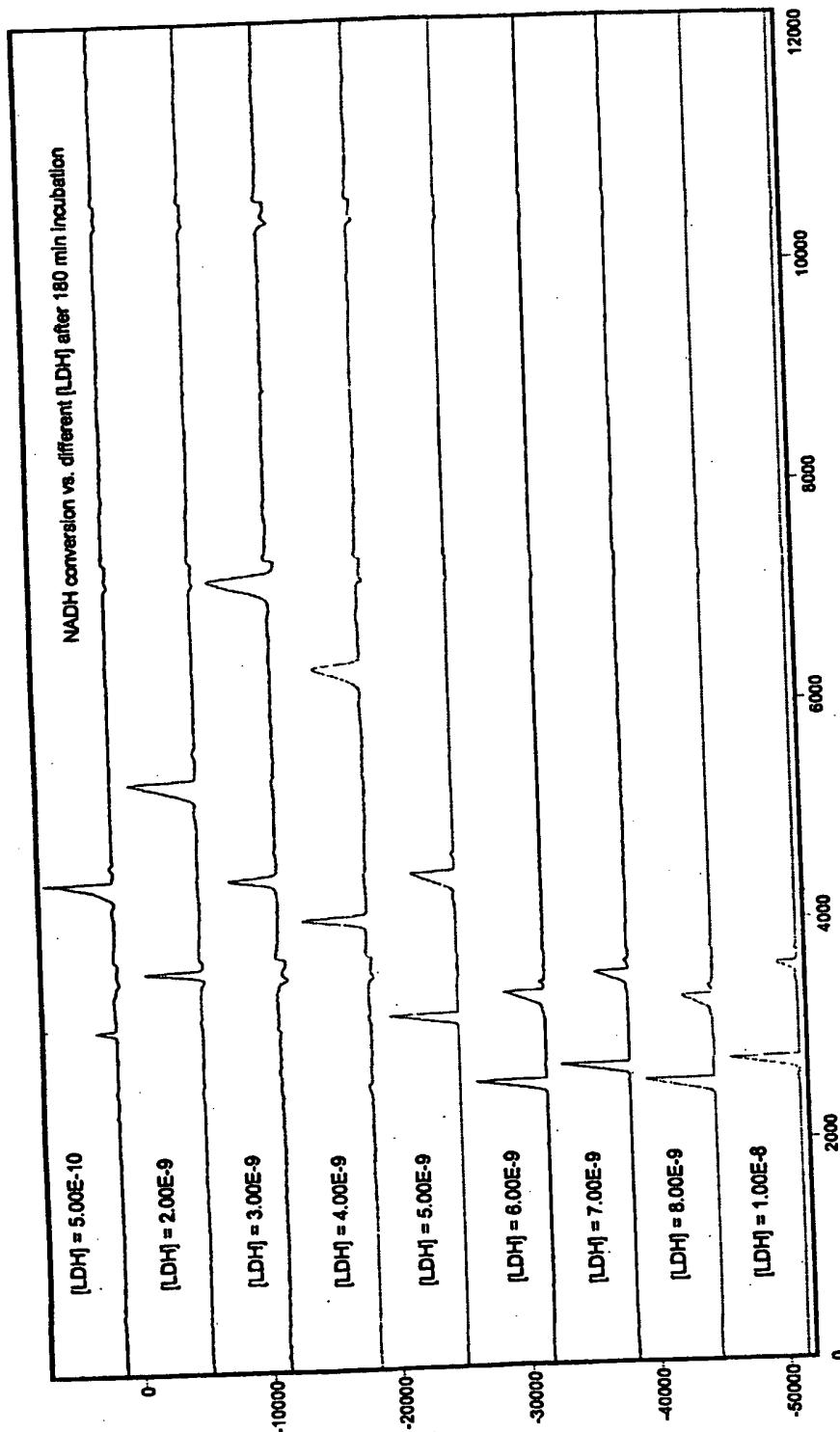


FIG. 20

26/34

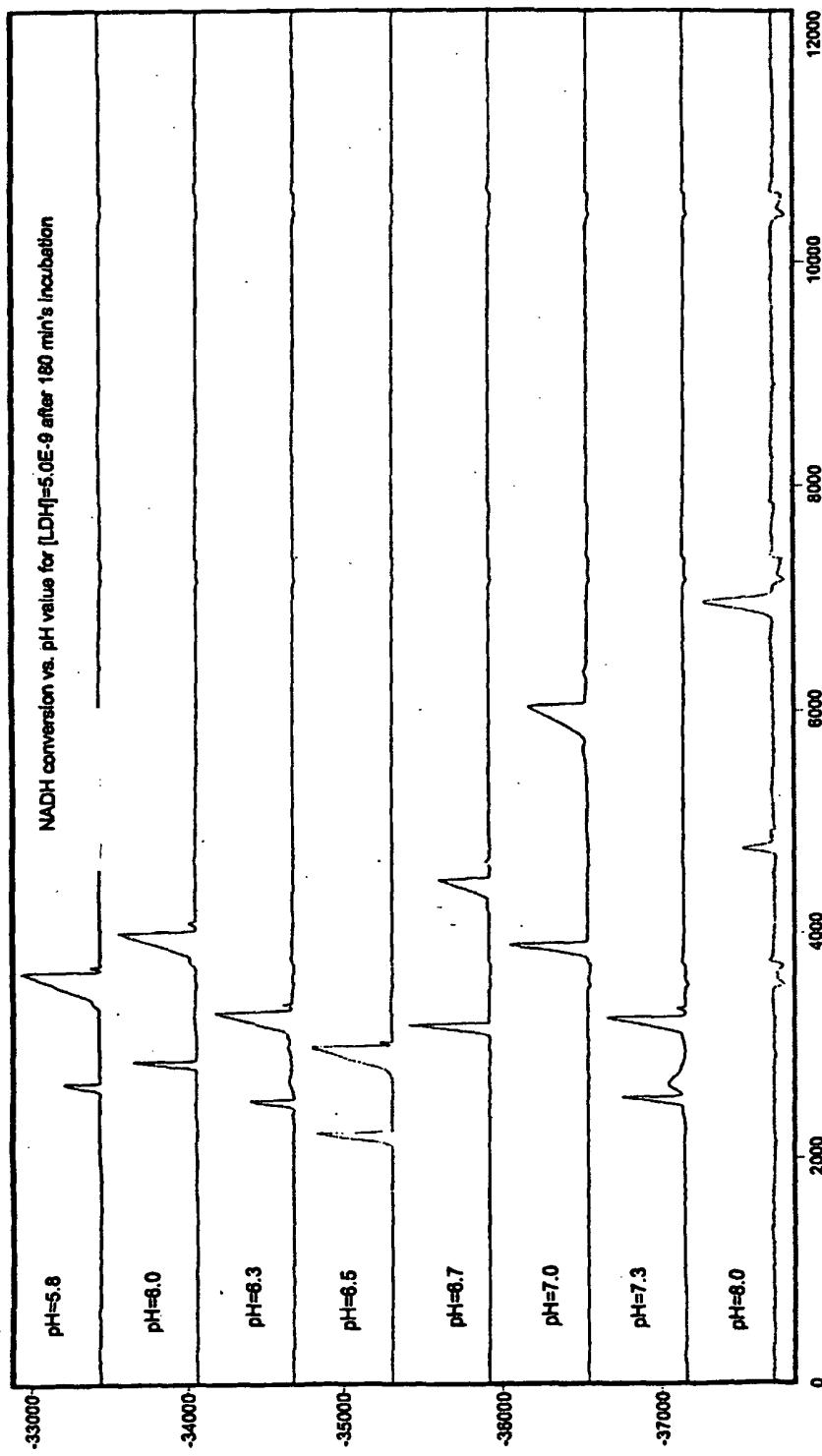


FIG. 21

10/07 05 31

PCT/US00/20447

WO 01/18528

27/34

## 180 min incubation result

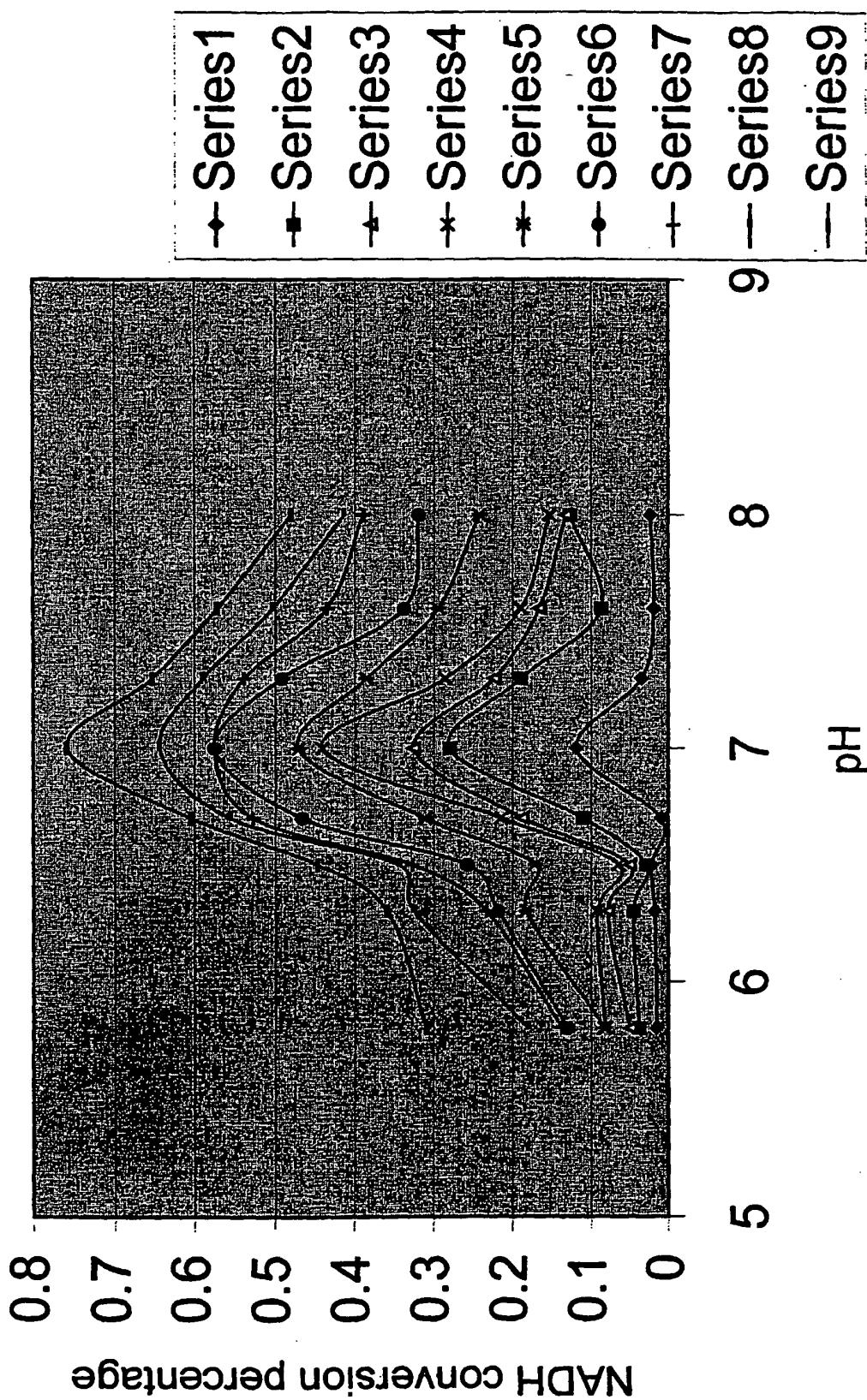


FIG. 22

28/34

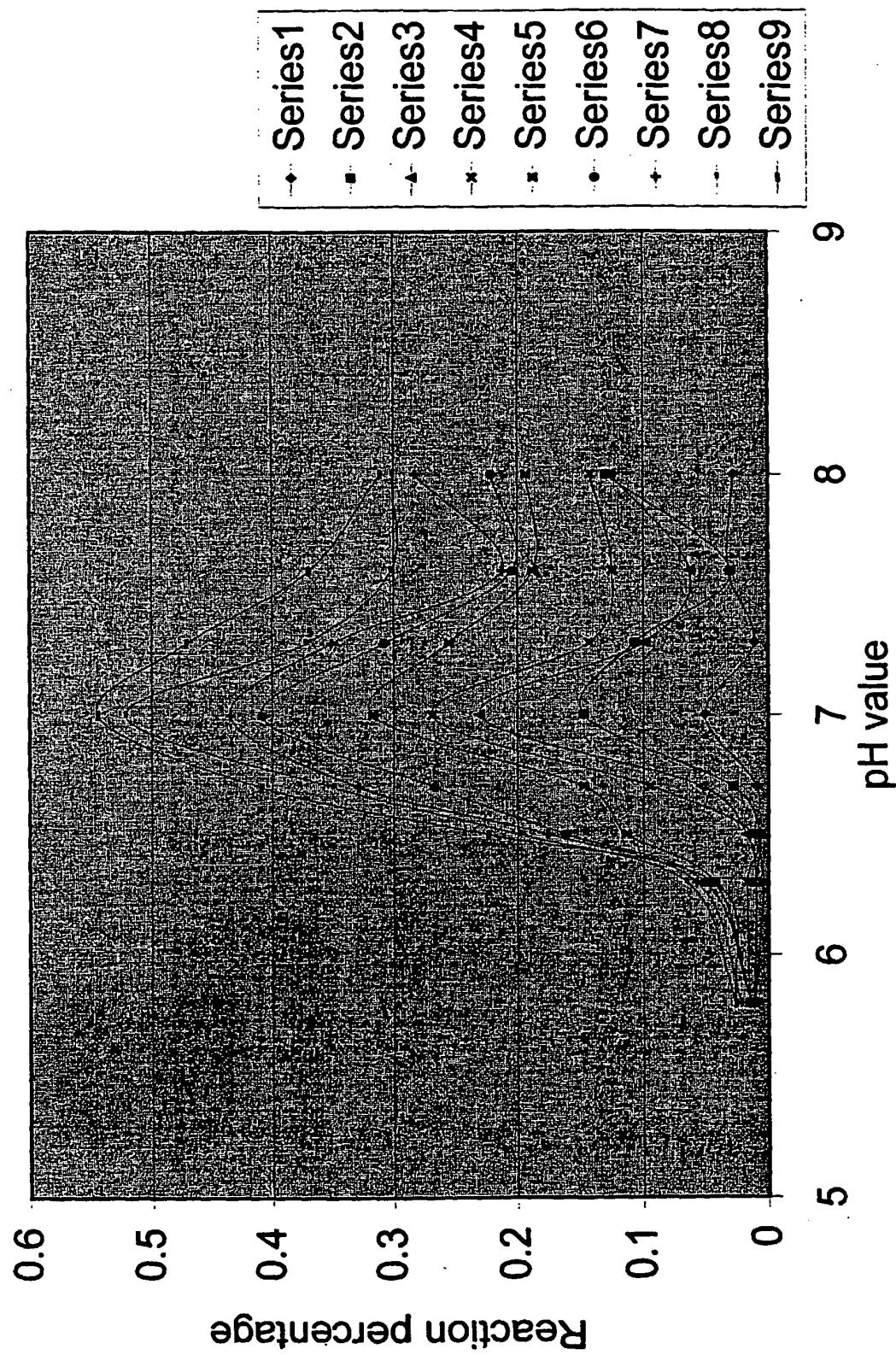
**LDH catalysis curve (30 min)**

FIG. 23

29/34

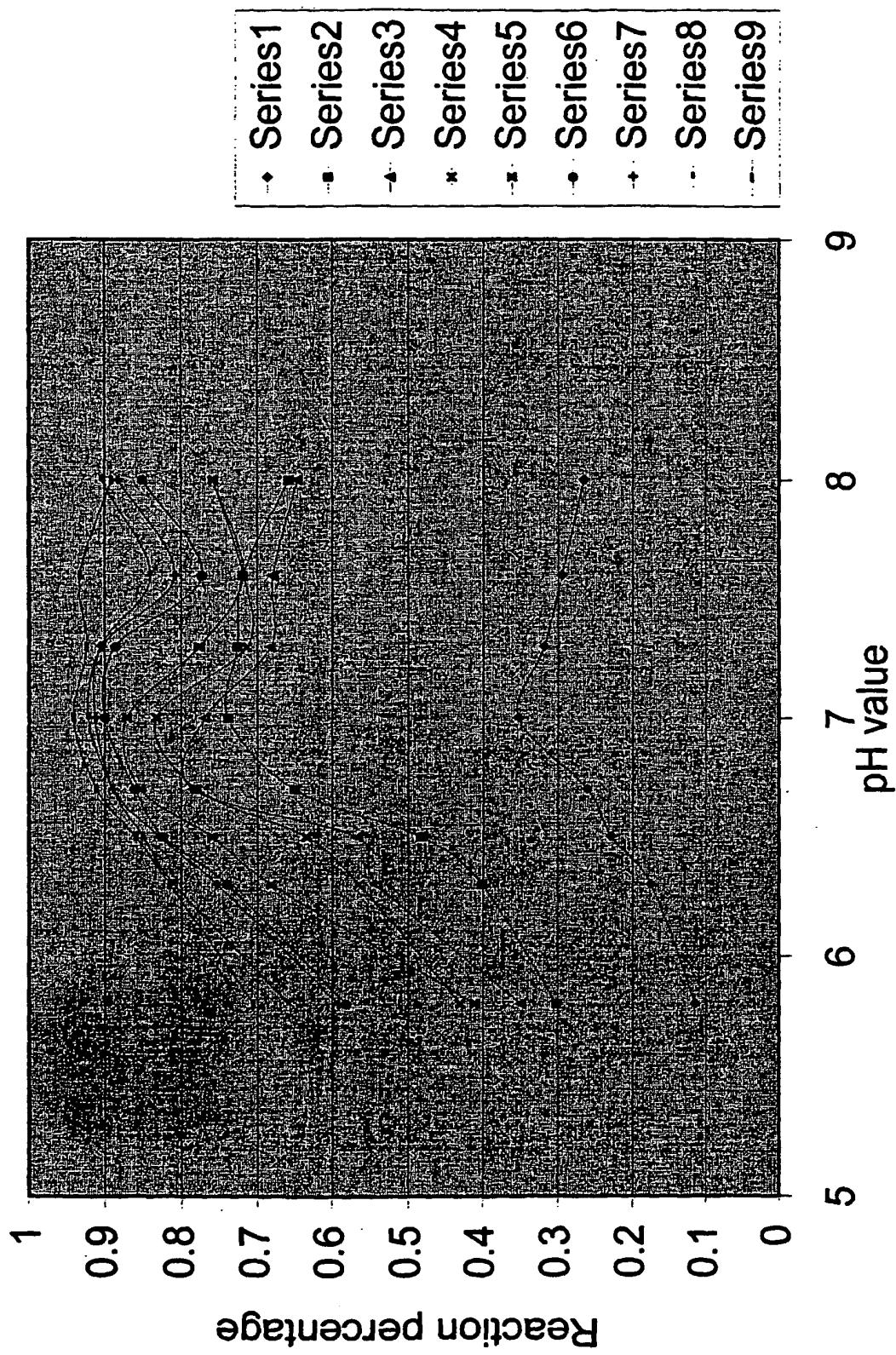
**LDH catalysis curve (24 hour)**

FIG. 24

30/34

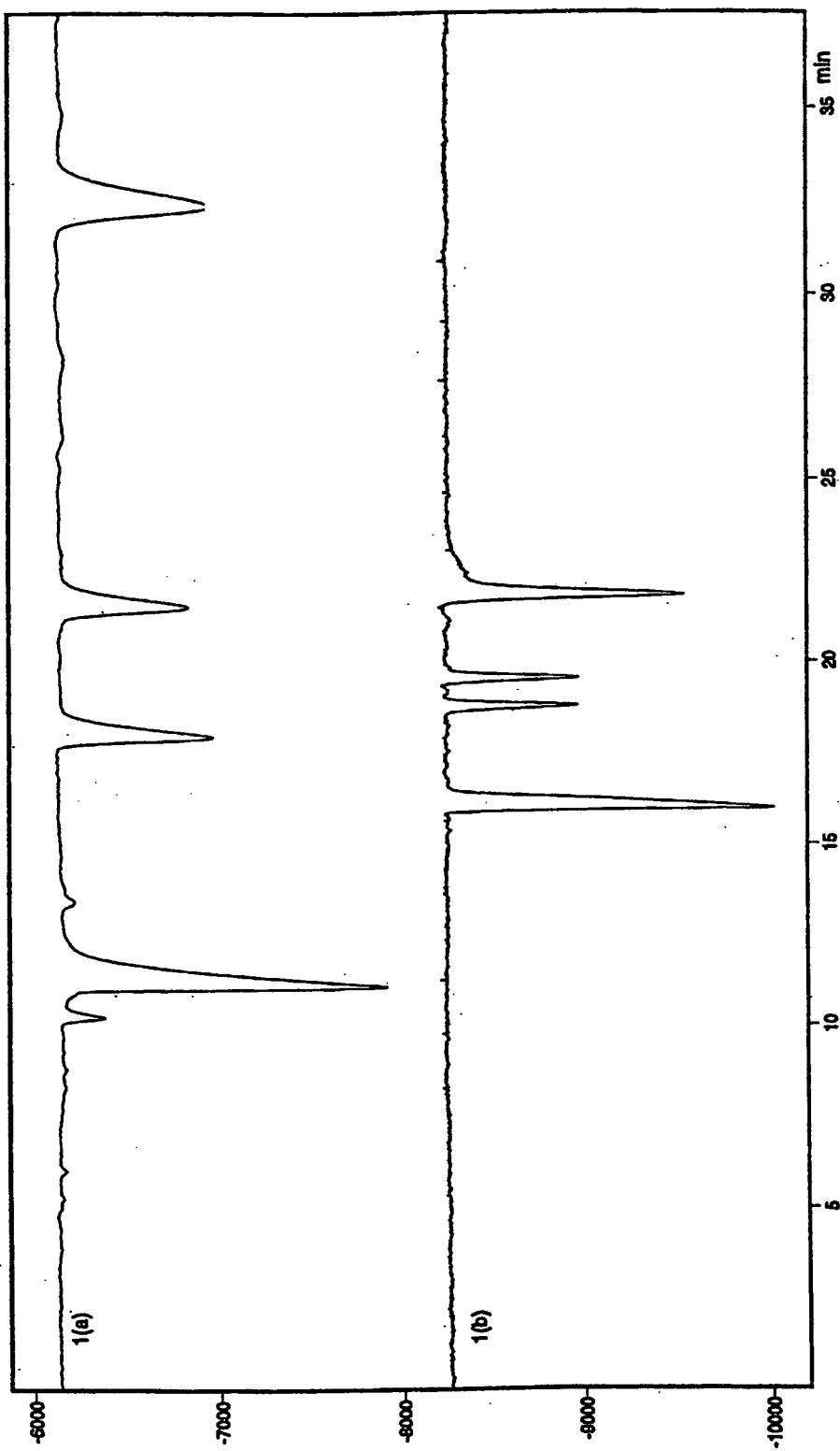


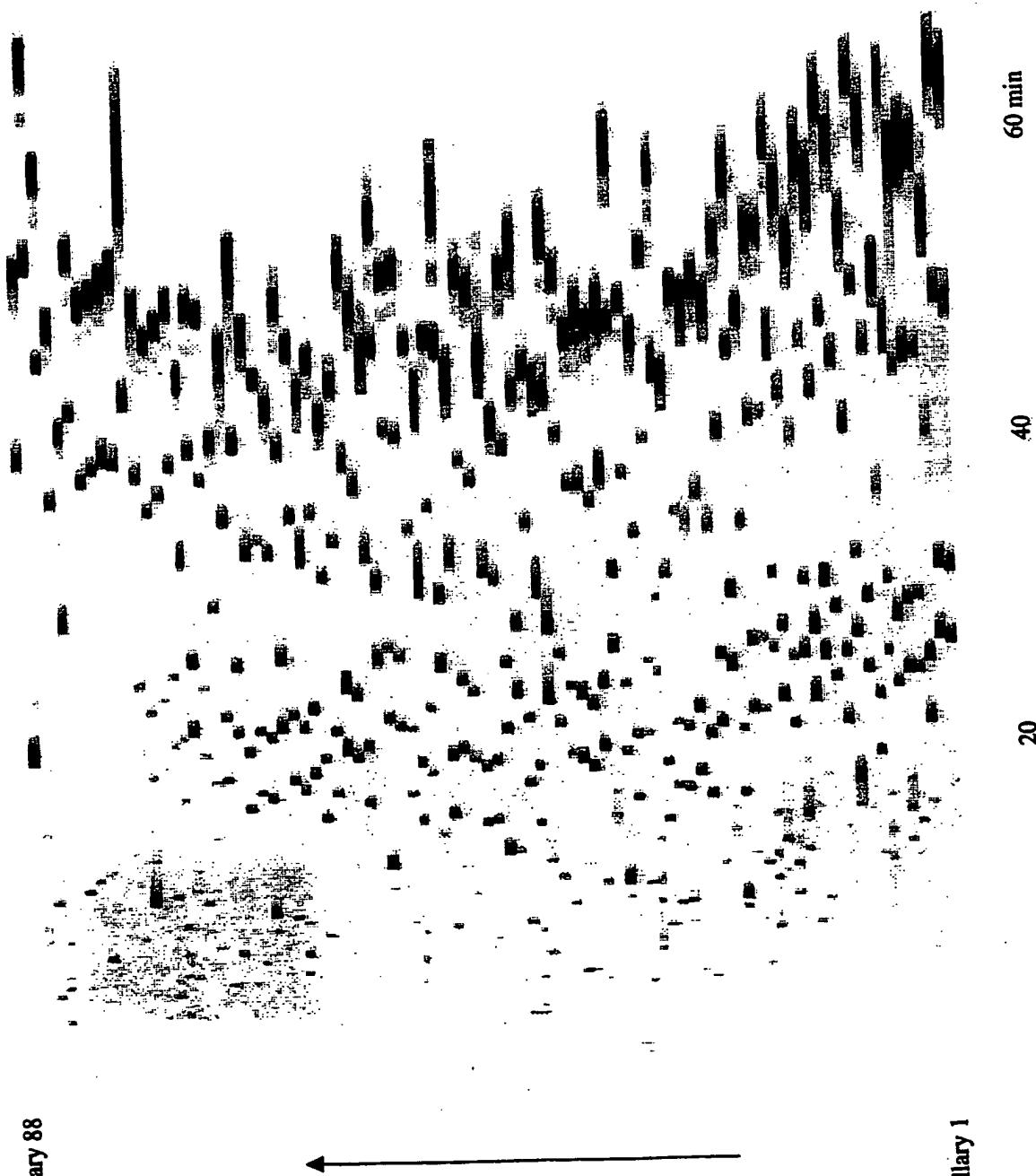
FIG. 25

WO 01/18528

10070531 . 060502  
10/070531  
PCT/US00/20447

31/34

Capillary 88



Capillary 1

FIG. 26

32/34

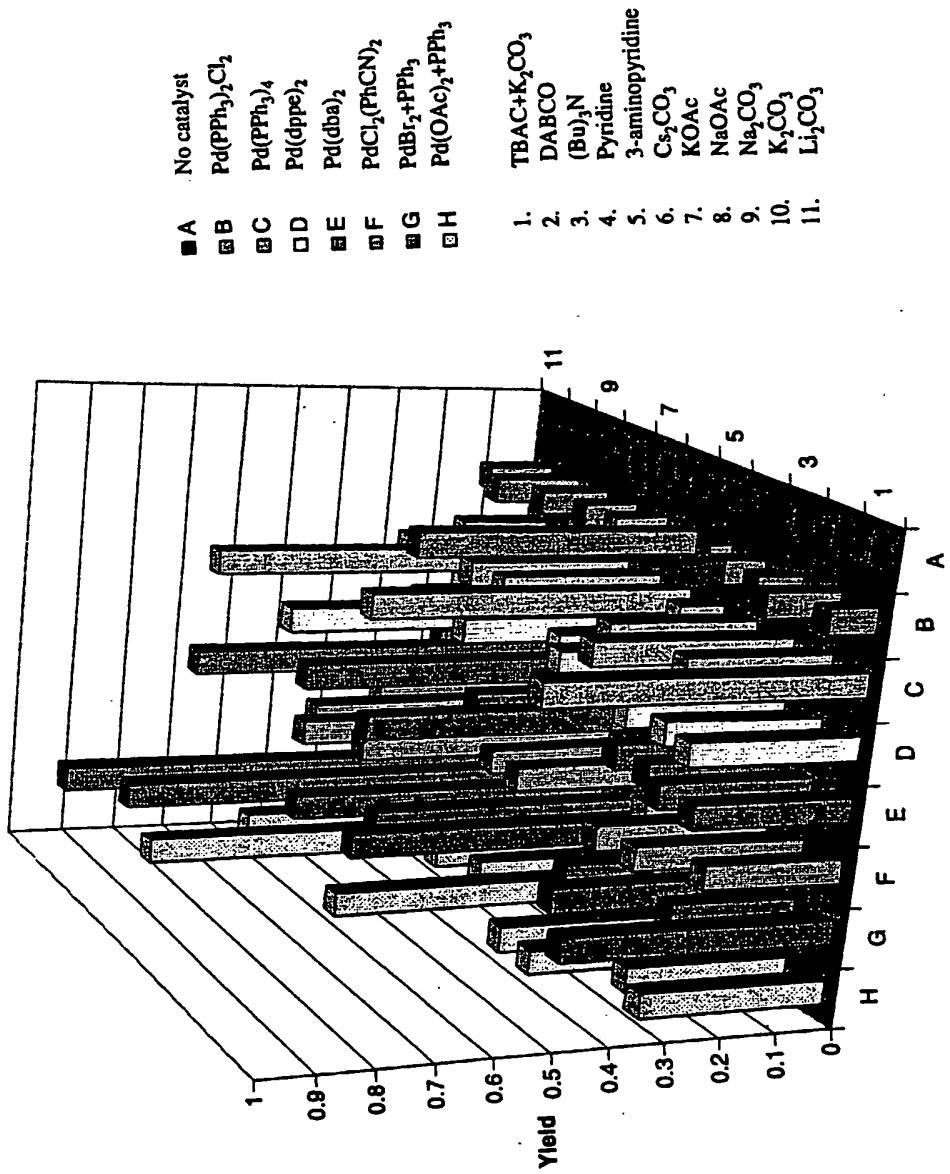


FIG. 27

33/34

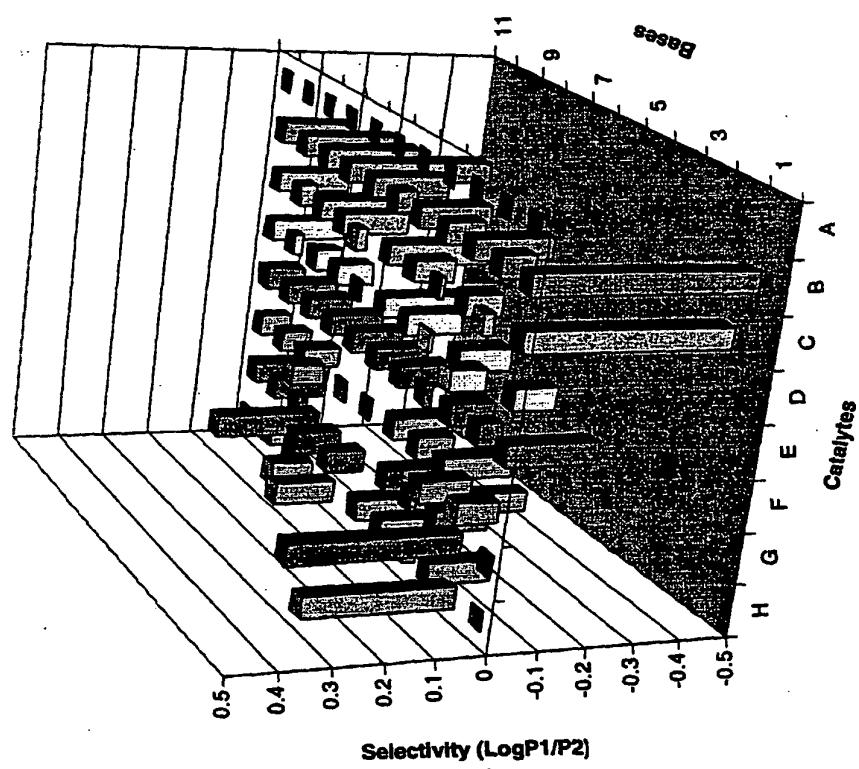


FIG. 28

10/07/04 05/31

34/34

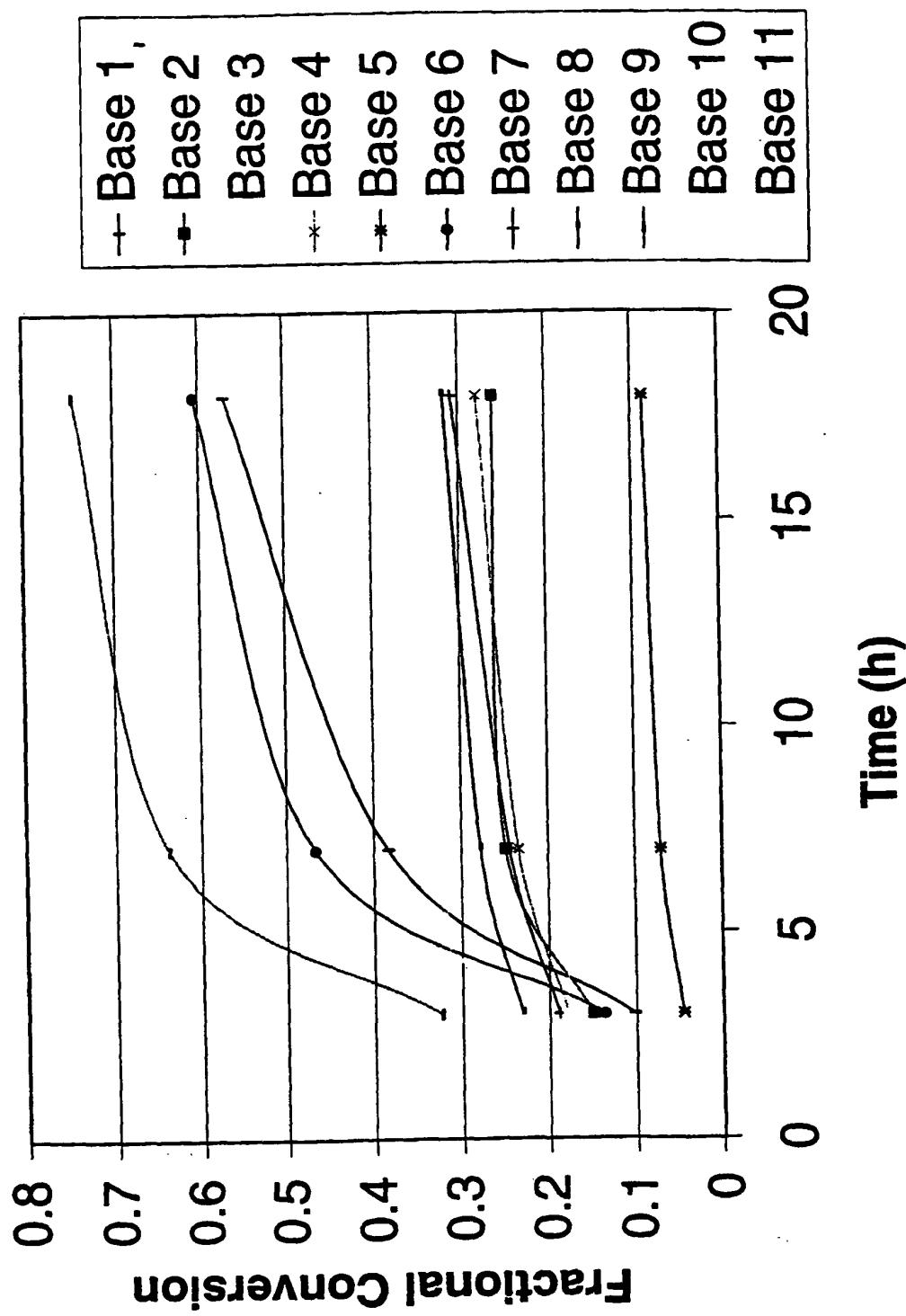


FIG. 29